

## ADDENDUM 02 SOFTBALL UPGRADES

Date: Wednesday, December 3, 2025

Project #: 0323.25.002

Project Name: Softball Upgrades  
Vicksburg High School – 3701 Drummond St., Vicksburg, MS 39180  
Warren Central High School – 1000 MS-27, Vicksburg, MS 39180

Owner: Vicksburg Warren School District  
1500 Mission 66  
Vicksburg, MS 39180

To: All Prospective Bidders

From: Tyler Abell, EI

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### Bidders are hereby informed that the Project Manual and Drawings are modified as follows:

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents with a submittal signed and stamped date of October 31, 2025. It is the General Contractor's responsibility for providing proper acknowledgement and receipt of this Addendum in the Bid Forms/Document.

Attachments to this Addendum: As described herein.

Total Number of Pages in this Addendum: 20 Pages

### PART A: GENERAL ADDENDUM, BIDDING, AND/OR PROJECT NOTES:

A1. None this addendum.

### PART B: CONTRACTOR QUESTIONS WITH RESPONSES (Responses are in RED)

*Note: If you do not see your question answered, then we are still researching or working on a solution.*

- B1. Several notes (E005-note 7, E102-note 8, E601-note 4, E602-note 4) state that electrical utility costs shall be paid from the "Electrical Utility Allowance". There is no Electrical Utility allowance in the specifications. Who is responsible for the electrical utility costs associated with this project? **Electrical Utility Allowance added under this addendum.**
- B2. E141 Note 3 mentions fire alarm components & fire alarm contractor, are there fire alarm systems in the concession stands? **Note 3 on sheet E141 removed under this addendum.**
- B3. Please provide standard of model for Sanitary Napkin Disposal. **See revised Specification Section 102800-RIB- Toilet, Bath, and Laundry Accessories attached.**
- B4. There is one life safety plan, but 3 concession buildings. Is the 1 Wall Mounted FE and the 1 Semi Recessed FEC/FE shown on the one Life Safety plan apply to all three concession buildings? **Yes, it is applicable and required at each building.**
- B5. FE CABINET, ACADEMY, 3" RT, VERT DUO SAFTLOK, LAMI SFTY GLS, REC HNDL, ALL ALUM, 10 TUB Cannot Be Fire Rated With the specified Aluminum Tub. Please confirm if rated is required. - Will quote non-rated if response is not received. **There are no fire rated walls, rated cabinet not required.**

- B6. FE for concession area. – Please advise if Type “K” is needed. **Yes, provide type K in the Concession area.**
- B7. FE w Bracket for Electrical area. – Please advise if Clean Agent FE is needed for Electrical Area. **No Standard as specified is acceptable.**

#### **PART C: DRAWING CLARIFICATIONS, REVISIONS, AND ADDITIONS:**

- C1. E002 – Drawing revised in its entirety.
- C2. E003 - Drawing revised in its entirety.
- C3. E006 - Drawing revised in its entirety.
- C4. E101 - Drawing revised in its entirety.
- C5. E103 - Drawing revised in its entirety.
- C6. E111 - Drawing revised in its entirety.
- C7. E112 - Drawing revised in its entirety.
- C8. E121 - Drawing revised in its entirety.
- C9. E141 - Drawing revised in its entirety.
- C10. E151 - Drawing revised in its entirety.
- C11. E501 - Drawing revised in its entirety.
- C12. E502 - Drawing revised in its entirety.

#### **PART D: SPECIFICATION CLARIFICATIONS, REVISIONS, AND ADDITIONS**

- D1. 012100- RIB-Allowances. Replace this specification section in its entirety.
- D2. 102800- RIB-Toilet, Bath, and Laundry Accessories. Replace this specification section in its entirety.

#### **PART E: APPROVED PRODUCT/VENDOR EQUALS**

- E1. None this addendum.

**END OF ADDENDUM 02**

# FEEDER SCHEDULE 3

TYPE THHN/THWN INSUL. COPPER CONDUCTOR AMPACITY BASED ON (75° TEMP. RATING) IN RIGID METAL CONDUIT  
 DRY INTERIOR LOCATIONS; EXIT WITH LISTED COMPRESSION FITTINGS  
 WET EXTERIOR LOCATIONS; RGS WITH CAST FITTINGS  
 UNDERGROUND INSTALLATIONS: SCHEDULE 80 PVC  
 BASED ON 40% FILL CAPACITIES, MINIMUM CONDUIT SIZE - 3/4"

FEEDER DESIGNATION	3PH+G PHASE + GND. CONDUCTORS AND CONDUIT SIZE		FEEDER DESIGNATION	3PH+4+G PHASE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE		FEEDER DESIGNATION	2 WIRE + GND. OR 1 WIRE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE
(20)	3#12+12 GND., 3/4" C		(20N)	4#12+12 GND., 3/4" C		(20S)	2#12+12 GND. 12., 3/4" C
(30)	3#10+10 GND., 3/4" C		(30N)	4#10+10 GND., 3/4" C		(30S)	2#10+10 GND., 3/4" C
(50)	3#8+10 GND., 1" C		(50N)	4#8+10 GND., 1" C		(50S)	2#8+10 GND., 1" C
(65)	3#6+8 GND., 1" C		(65N)	4#6+8 GND., 1 1/4" C		(65S)	2#6+8 GND., 1" C
(85)	3#4+8 GND., 1 1/4" C		(85N)	4#4+8 GND., 1 1/4" C		(85S)	2#4+8 GND., 1 1/4" C
(100)	3#3+8 GND., 1 1/4" C		(100N)	4#3+8 GND., 1 1/2" C		(100S)	2#3+8 GND., 1 1/4" C
(115)	3#2+6 GND., 1 1/2" C		(115N)	4#2+6 GND., 1 1/2" C		(115S)	2#2+6 GND., 1 1/2" C
(130)	3#1+6 GND., 1 1/2" C		(130N)	4#1+6 GND., 2" C		(130S)	2#1+6 GND., 1 1/2" C
(150)	3#1/0+6 GND., 2" C		(150N)	4#1/0+6 GND., 2" C		(150S)	2#1/0+6 GND., 2" C
(175)	3#2/0+6 GND., 2" C		(175N)	4#2/0+6 GND., 2 1/2" C		(175S)	2#2/0+6 GND., 2" C
(200)	3#3/0+6 GND., 2" C		(200N)	4#3/0+6 GND., 2 1/2" C		(200S)	2#3/0+6 GND., 2" C
(230)	3#4/0+4 GND., 2 1/2" C		(230N)	4#4/0+4 GND., 3" C		(230S)	2#4/0+4 GND., 2 1/2" C
(255)	3#250+4 GND., 2 1/2" C		(255N)	4#250+4 GND., 3" C		(255S)	2#250+4 GND., 2 1/2" C
(285)	3#300+4 GND., 3" C		(285N)	4#300+4 GND., 3" C		(285S)	2#300+4 GND., 3" C
(310)	3#350+3 GND., 3" C		(310N)	4#350+3 GND., 3" C		(310S)	2#350+3 GND., 3" C
(335)	3#400+3 GND., 3" C		(335N)	4#400+3 GND., 4" C		(335S)	2#400+3 GND., 4" C
(380)	3#500+3 GND., 4" C		(380N)	4#500+3 GND., 4" C		(380S)	2#500+3 GND., 4" C
(400)	2 SETS(3#3/0+3 GND., 2" C)		(400N)	2 SETS(4#3/0+3 GND., 2 1/2" C)			
(420)	3#600+2 GND., 4" C		(420N)	4#600+2 GND., 4" C			
(460)	2 SETS(3#4/0+2 GND., 2" C)		(460N)	2 SETS(4#4/0+2 GND., 2 1/2" C)			
(510)	2 SETS(3#250+1 GND., 2 1/2" C)		(510N)	2 SETS(4#250+1 GND., 3" C)			
(570)	2 SETS(3#300+4 GND., 2 1/2" C)		(570N)	2 SETS(4#300+4 GND., 3" C)			
(620)	2 SETS(3#350+1/0 GND., 3" C)		(620N)	2 SETS(4#350+1/0 GND., 3" C)			
(760)	2 SETS(3#500+1/0 GND., 3" C)		(760N)	2 SETS(4#500+1/0 GND., 4" C)			
(840)	2 SETS(3#600+2/0 GND., 4" C)		(840N)	2 SETS(4#600+2/0 GND., 4" C)			
(855)	3 SETS(3#300+2/0 GND., 2 1/2" C)		(855N)	3 SETS(4#300+2/0 GND., 3" C)			
(1005)	3 SETS(3#400+3/0 GND., 3" C)		(1005N)	3 SETS(4#400+3/0 GND., 3" C)			
(1240)	4 SETS(3#350+4/0 GND., 3" C)		(1240N)	4 SETS(4#350+4/0 GND., 4" C)			
(1650)	5 SETS(3#400+250 GND., 3" C)		(1650N)	5 SETS(4#400+250 GND., 4" C)			
(2010)	6 SETS(3#400+350 GND., 3" C)		(2010N)	6 SETS(4#400+350 GND., 4" C)			
(2660)	7 SETS(3#500+450 GND., 4" C)		(2660N)	7 SETS(4#500+400 GND., 4" C)			
(3040)	8 SETS(3#500+500 GND., 4" C)		(3040N)	8 SETS(4#500+500 GND., 4" C)			
(4180)	11 SETS(3#500+700 GND., 4" C)		(4180N)	11 SETS(4#500+700 GND., 4" C)			

1	ALTERNATE LIGHTING FIXTURE SUBMITTAL MUST BE SUBMITTED TO ENGINEER 10 DAYS PRIOR TO BID FOR REVIEW. SUBMITTAL SHALL BE COMPLETE INCLUDING ALL FIXTURES UTILIZED IN THE PROJECT, AS WELL AS PHOTOGRAPHIC LAYOUTS VERIFYING EFC FOOTCANDLE LEVELS. ANY EXCEPTIONS TO THE SPECIFIED FIXTURES SHALL BE CLEARLY NOTED OR ENTIRE PACKAGE WILL BE REJECTED. <b>CONTRACTOR MUST BE APPROVED BY ADDENDUM IN ORDER TO QUOTE THE PROJECT.</b>
2	CONTRACTOR SHALL COORDINATE ALL FIXTURE MOUNTING HEIGHTS WITH THE ARCHITECTURAL PLANS PRIOR TO ROUGHING IN. COORDINATE FIXTURE MOUNTING TYPE WITH CEILING TYPES AND MOUNTING HEIGHTS.
3	ALL OVERCURRENT PROTECTIVE DEVICES AND PANELBOARDS SHALL HAVE AN INTERRUPTING RATING (AIC) NOT LESS THAN THE AVAILABLE FAULT CURRENT AT THEIR LINE TERMINALS, AS ESTABLISHED BY THE SHORT CIRCUIT/COORDINATION STUDY.

LUMINAIRE SCHEDULE NOTES	
1.	CONTRACTOR SHALL COORDINATE FIXTURE TRIM TYPE WITH ARCHITECTURAL CEILING TYPE. SEE ARCHITECTURAL RCP.
2.	UL LISTED AND APPROVED FOR WET LOCATIONS.
3.	COORDINATE BUILDING PENETRATIONS WITH EXTERIOR BUILDING SURFACE MATERIALS. PROVIDE MANUFACTURERS LISTED PENETRATION SEALS. ALL PENETRATIONS SHALL BE MADE WATERPROOF. COORDINATE WITH OTHER TRADES REQUIREMENTS WHERE APPLICABLE.
4.	WHEN FIXTURE IS DENOTED WITH AN "E", EXAMPLE – F1E, ALL EXIT SIGNS, NIGHT LIGHTS, AND EMERGENCY EGRESS LUMINAIRES SHALL BE PROVIDED WITH INTEGRAL BATTERY PACKS (UNIT EQUIPMENT) SIZED FOR 90 MINUTES MINIMUM OPERATION, PER NFPA 101 AND NEC 700.12(F). EMERGENCY FIXTURES SHALL BE CIRCUITED AHEAD OF LOCAL SWITCHING TO MAINTAIN CONTINUOUS CHARGING. REFER ALSO TO GENERAL NOTE 17 ON SHEET E001 FOR SYSTEM-WIDE REQUIREMENTS, INCLUDING FIELD ACCEPTANCE TESTING FOR 90-MINUTE OPERATION. EXTERIOR EMERGENCY/EGRESS LUMINAIRES MOUNTED MORE THAN 10' ABOVE GRADE SHALL BE PROVIDED WITH EITHER:
4.1.	A REMOVE, LOCKABLE, WALL-MOUNTED TEST SWITCH LOCATED INSIDE THE BUILDING NEAR THE NORMAL LIGHTING SWITCH, OR
4.2.	A FACTORY SELF-TESTING/SELF-DIAGNOSTIC BATTERY PACK.
4.3.	TEST SWITCH LOCATIONS SHALL BE COORDINATED WITH THE ENGINEER PRIOR TO ROUGH-IN.
4.4.	ALL EMERGENCY FIXTURES SHALL COMPLY WITH NFPA 101 TESTING REQUIREMENTS (MONTHLY 30-SECOND, ANNUAL 90-MINUTES).
5.	COORDINATE FIXTURE COLOR/FINISH WITH ENGINEER DURING THE SUBMITTAL PROCESS.

**SOFTBALL UPGRADES**  
**VICKSBURG WARREN SCHOOL DISTRICT**  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN
PROJECT NO: 0323.25.002
DRAWN BY: MAB
CHECKED BY: KDB

[illegible]



VHS SOFTBALL FIELD LIGHTING SCHEDULE						
POLE ID	POLE HEIGHT	FIXTURE HEIGHT	FIXTURE QTY.	FIXTURE TYPE	LOAD	CIRCUIT #
A1	70'	70'	3	EPHESUS EPH-2S	2.112 KW	MDP-VHS-S-2,4
		70'	3	EPHESUS EPH-4S	2.094 KW	MDP-VHS-S-2,4
A2	70'	70'	3	EPHESUS EPH-2S	2.112 KW	MDP-VHS-S-6,8
		70'	3	EPHESUS EPH-4S	2.094 KW	MDP-VHS-S-6,8
		70'				
B1	70'	70'	1	EPHESUS EPH-2S	.704 KW	MDP-VHS-S-7,9
		70'	3	EPHESUS EPH-3S	2.094 KW	MDP-VHS-S-7,9
		70'	1	EPHESUS EPH-4S	.704 KW	MDP-VHS-S-7,9
		70'	1	EPHESUS EPH-5S	.704 KW	MDP-VHS-S-7,9
B2	70'	70'	1	EPHESUS EPH-2S	.704 KW	MDP-VHS-S-10,12
		70'	3	EPHESUS EPH-3S	2.094 KW	MDP-VHS-S-10,12
		70'	1	EPHESUS EPH-4S	.704 KW	MDP-VHS-S-10,12
		70'	1	EPHESUS EPH-5S	.704 KW	MDP-VHS-S-10,12

SCHEDULE NOTES:

- ALL FIELD LIGHTING POLES SHALL BE NEW STEEL POLES, SIZED TO ACHIEVE A LUMINAIRE MOUNTING HEIGHT OF 70'-0" ABOVE FINISH GRADE.
- CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 26 56 68 FOR ADDITIONAL SYSTEM INFORMATION AND REQUIREMENTS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS DURING THE SUBMITTAL PROCESS SHOWING MOUNTING OF ALL EQUIPMENT ON LIGHT POLES, INCLUDING SPEAKERS AND CAMERAS. DRAWINGS SHALL INDICATE MOUNTING HEIGHTS, ORIENTATIONS, ATTACHMENT DETAILS, AND WIRING DIAGRAMS FOR EACH DEVICE. COORDINATE ALL ATTACHMENTS, LOADS, DRILLING PATTERNS, HANDHOLE LOCATIONS, AND INTERNAL CABLE ROUTING WITH THE POLE MANUFACTURER; OBTAIN WRITTEN ACCEPTANCE FROM THE MANUFACTURER FOR THE ADDED EQUIPMENT AND LOADS. COORDINATE FINAL MOUNTING WITH STRUCTURAL AND ELECTRICAL REQUIREMENTS.
- EPHESUS EPH-2S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-2S-HEG-S.
- EPHESUS EPH-3S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-3S-HEG-S.
- EPHESUS EPH-4S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-4S-HEG-S.
- EPHESUS EPH-5S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-5S-HEG-S.
- CONTROLS SHALL BE EPHESUS WIRELESS AIRMESH SYSTEM. PROVIDE SIMPLE ON/OFF CONTROL INTERFACE LOCATED AT THE PRESS BOX. COORDINATE CONTROL DEVICE TYPE, LOCATION, AND NETWORK INTEGRATION WITH THE OWNER AND EPHESUS REPRESENTATIVE PRIOR TO ROUGH-IN.
- SYSTEM SHALL BE REMOTE POWER TYPE. BULK POWER SUPPLY, DRIVER, AND CONTROL/DISTRIBUTION COMPONENTS SHALL BE LOCATED AT THE BASE OF EACH INDIVIDUAL LIGHT POLE. COORDINATE EXACT LOCATIONS, MOUNTING HEIGHTS, AND ENCLOSURE REQUIREMENTS WITH THE MANUFACTURER.
- FOR POLE 'A1', 'A2', 'B1', AND 'B2', PROVIDE TWO (2) POWER AND CONTROLS (PAC) BOXES AND ONE (1) DISTRIBUTION BOX PER POLE. COORDINATE MOUNTING LOCATIONS, CONDUIT ROUTING, AND CONNECTIONS BETWEEN PAC BOXES, DISTRIBUTION BOX, AND LUMINAIRES WITH THE MANUFACTURER.
- COORDINATE EXACT LOCATIONS OF EPHESUS AIRMESH CONTROL SYSTEM ANTENNAS AT PRESS BOX AND LIGHT POLES. VERIFY MOUNTING HEIGHTS, ORIENTATION, AND LINE-OF-SIGHT REQUIREMENTS WITH THE MANUFACTURER TO ENSURE PROPER WIRELESS COMMUNICATION AND SIGNAL STRENGTH.

WCHS SOFTBALL FIELD LIGHTING SCHEDULE						
POLE ID	POLE HEIGHT	FIXTURE HEIGHT	FIXTURE QTY.	FIXTURE TYPE	LOAD	CIRCUIT #
A3	70'	70'	1	EPHESUS EPH-3S	.698 KW	MDP-WCHS-S-2,4
		70'	3	EPHESUS EPH-4S	2.094 KW	MDP-WCHS-S-2,4
		70'	1	EPHESUS EPH-5S	.698 KW	MDP-WCHS-S-2,4
A4	70'	70'	1	EPHESUS EPH-3S	.698 KW	MDP-WCHS-S-6,8
		70'	3	EPHESUS EPH-4S	2.094 KW	MDP-WCHS-S-6,8
		70'	1	EPHESUS EPH-5S	.698 KW	MDP-WCHS-S-6,8
B3	70'	70'	3	EPHESUS EPH-2S	2.112 KW	MDP-WCHS-S-10,12
		70'	1	EPHESUS EPH-3S	.698 KW	MDP-WCHS-S-10,12
		70'	2	EPHESUS EPH-4S	1.396 KW	MDP-WCHS-S-10,12
		70'	2	EPHESUS EPH-5S	1.396 KW	MDP-WCHS-S-10,12
B4	70'	70'	3	EPHESUS EPH-2S	2.112 KW	MDP-WCHS-S-7,9
		70'	1	EPHESUS EPH-3S	.698 KW	MDP-WCHS-S-7,9
		70'	2	EPHESUS EPH-4S	1.396 KW	MDP-WCHS-S-7,9
		70'	2	EPHESUS EPH-5S	1.396 KW	MDP-WCHS-S-7,9

SCHEDULE NOTES:

- ALL FIELD LIGHTING POLES SHALL BE NEW STEEL POLES, SIZED TO ACHIEVE A LUMINAIRE MOUNTING HEIGHT OF 70'-0" ABOVE FINISH GRADE.
- CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 26 56 68 FOR ADDITIONAL SYSTEM INFORMATION AND REQUIREMENTS.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS DURING THE SUBMITTAL PROCESS SHOWING MOUNTING OF ALL EQUIPMENT ON LIGHT POLES, INCLUDING SPEAKERS AND CAMERAS. DRAWINGS SHALL INDICATE MOUNTING HEIGHTS, ORIENTATIONS, ATTACHMENT DETAILS, AND WIRING DIAGRAMS FOR EACH DEVICE. COORDINATE ALL ATTACHMENTS, LOADS, DRILLING PATTERNS, HANDHOLE LOCATIONS, AND INTERNAL CABLE ROUTING WITH THE POLE MANUFACTURER; OBTAIN WRITTEN ACCEPTANCE FROM THE MANUFACTURER FOR THE ADDED EQUIPMENT AND LOADS. COORDINATE FINAL MOUNTING WITH STRUCTURAL AND ELECTRICAL REQUIREMENTS.
- EPHESUS EPH-2S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-2S-HEG-S.
- EPHESUS EPH-3S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-3S-HEG-S.
- EPHESUS EPH-4S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-4S-HEG-S.
- EPHESUS EPH-5S FIXTURE SHALL BE EPHESUS LUMA SPORT 8 MODEL NUMBER EPH-08-680R-57-70-5S-HEG-S.
- CONTROLS SHALL BE EPHESUS WIRELESS AIRMESH SYSTEM. PROVIDE SIMPLE ON/OFF CONTROL INTERFACE LOCATED AT THE PRESS BOX. COORDINATE CONTROL DEVICE TYPE, LOCATION, AND NETWORK INTEGRATION WITH THE OWNER AND EPHESUS REPRESENTATIVE PRIOR TO ROUGH-IN.
- SYSTEM SHALL BE REMOTE POWER TYPE. BULK POWER SUPPLY, DRIVER, AND CONTROL/DISTRIBUTION COMPONENTS SHALL BE LOCATED AT THE BASE OF EACH INDIVIDUAL LIGHT POLE. COORDINATE EXACT LOCATIONS, MOUNTING HEIGHTS, AND ENCLOSURE REQUIREMENTS WITH THE MANUFACTURER.
- FOR POLE 'A3' AND 'A4', PROVIDE TWO (2) POWER AND CONTROLS (PAC) BOXES AND ONE (1) DISTRIBUTION BOX PER POLE. COORDINATE MOUNTING LOCATIONS, CONDUIT ROUTING, AND CONNECTIONS BETWEEN PAC BOXES, DISTRIBUTION BOX, AND LUMINAIRES WITH THE MANUFACTURER.
- FOR POLE 'B3' AND 'B4', PROVIDE THREE (3) POWER AND CONTROLS (PAC) BOXES AND ONE (1) DISTRIBUTION BOX PER POLE. COORDINATE MOUNTING LOCATIONS, CONDUIT ROUTING, AND CONNECTIONS BETWEEN PAC BOXES, DISTRIBUTION BOX, AND LUMINAIRES WITH THE MANUFACTURER.
- COORDINATE EXACT LOCATIONS OF EPHESUS AIRMESH CONTROL SYSTEM ANTENNAS AT PRESS BOX AND LIGHT POLES. VERIFY MOUNTING HEIGHTS, ORIENTATION, AND LINE-OF-SIGHT REQUIREMENTS WITH THE MANUFACTURER TO ENSURE PROPER WIRELESS COMMUNICATION AND SIGNAL STRENGTH.

DRAWING E003 NOTES

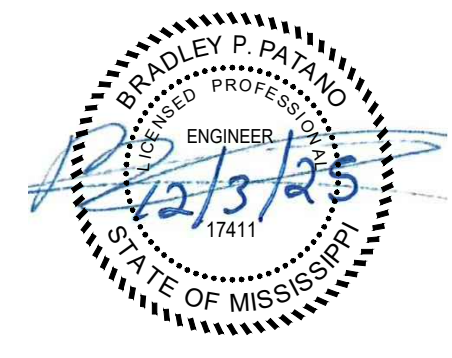
- CONTRACTOR SHALL REFERENCE SPECIFICATION SECTION 265668 FOR FURTHER DETAILS.

MP

DESIGN GROUP

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SOFTBALL UPGRADES  
VICKSBURG WARREN SCHOOL DISTRICT  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN
PROJECT NO. 0323.25.002
DRAWN BY: KDB
CHECKED BY: KDB

ELECTRICAL STADIUM LIGHTING SCHEDULES

NO.	DATE	REVISION / SUBMITTAL
REV 0	10.31.25	ISSUED FOR CONSTRUCTION
REV 1	12.03.25	ADDENDUM 02

E003

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST  
SCALES ACCORDINGLY

THE ORIGINAL, SIGNED, DATED AND SEALED ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEERED PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL, SIGNED, DATED AND SEALED ENGINEERING PLANS SHALL BE THE AUTHORITY. THE DRAWINGS, PLANS, SPECIFICATIONS, AND NOTES SHALL BE THE PROPERTY OF MACHADO, PATANO, KILPATRICK & JONES, INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT PERMISSION IN WRITING FROM MACHADO, PATANO, KILPATRICK & JONES, INC.

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NO.

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-VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF  
GNER OF DISCREPANCIES BEFORE PROCEEDING.

NATE PRIVATE UTILITY LOCATIONS. POTHOLE AND HAND-EXPOSED  
N CONFLICTS ARE POSSIBLE. PROTECT ALL UTILITIES TO

ABOUT PER OSHA/NEC. VERIFY ALL CIRCUITS ARE  
SOURCE WITH APPROVED TEST INSTRUMENTS BEFORE  
ANY CONDUCTORS.

ENTHOLE LIGHTING SYSTEM IN ITS ENTIRETY WHERE INDICATED,  
HANDHOLES, FEEDERS, BRANCH CIRCUITS, GROUND RODS,  
TO ASSOCIATED RACEWAYS. DO NOT DISTURB SCOREBOARD  
FOUNDATIONS TO REMAIN.

CUT-OUTS, PANEL CUT-OVERS, AND WORK WINDINGS WITH  
RIGOR/ALTERNATE FEES AS REQUIRED TO MAINTAIN  
TEMPORARY RE-FEEDS DURING PANEL DEMOLITION.  
WORKING ONLY AS REQUIRED FOR SAFE EGRESS DURING  
LIGHTING.

EVE LIGHTING FEEDERS AND BRANCH CIRCUITS BACK TO THE  
RACE (SWITCHBOARD, PANEL, OR JUNCTION) IDENTIFIED FOR  
PROJECTS SERVING THE SCOREBOARD AND FIELD SYSTEMS  
TEMPORARY RE-FEEDS DURING PANEL DEMOLITION. DO  
DEAD CONDUCTORS IN PLACE.

CTRICIAL PANELS AS INDICATED. PRIOR TO REMOVAL, IDENTIFY  
PARALLEL RE-FEED) ALL CIRCUITS SERVING THE SCOREBOARD  
TO REMAIN. DISCONNECT AND CAP FEEDERS AT THE UPSTREAM  
DIRECTION. TURN OVER UPDATED PANEL SCHEDULES/REDLINES  
TRANSFERRED OR MADE SPARE.

NDMENTS WHERE ACCESSIBLE. BEFORE REMOVAL WOULD DAMAGE  
THE SCOREBOARD/FIELD SYSTEMS TO REMAIN, CUT CONDUIT  
LISTED WATERTIGHT DUCT. LABEL "ABANDONED".  
RECORD: COORDINATE STUB-UPS/ENTRIES AT NEW PANELS TO AVOID  
ID RACEWAYS.

NDMENTS WHERE ACCESSIBLE. BEFORE REMOVAL WOULD DAMAGE  
THE SCOREBOARD/FIELD SYSTEMS TO REMAIN, CUT CONDUIT  
LISTED WATERPROOF DUCT PLUGS. LABEL "ABANDONED".

HANDHOLES/JUNCTION BOXES ASSOCIATED WITH LIGHTING OR  
SYSTEMS SCHEDULED FOR DEMO, BELOW-GRADE UNITS:  
WHERE PRACTICABLE; OTHERWISE CUT AND CAP DUCTS.  
T. PROTECT ANY HANDHOLES/DUCTS FEEDING THE SCOREBOARD

POLES BY CONTROLLED LOWERING AND SECTIONING; DO NOT  
CUTS AND REMOVE EMBEDMENT TO A MINIMUM OF 24 INCHES  
(OR FULL DEPTH WHERE NEW WORK CONFLICTS). REMOVE  
TOP PORTION AND HIDE IT BEHIND WALL WITH ENGINEERED FILL  
DISTURBS SCOREBOARD FOUNDATION.

ELECTRODES AND BONDING JUNCTERS ASSOCIATED WITH WOOD  
ID EQUIPMENT. MAINTAIN AND PROTECT GROUPED ELECTRODES  
WOOD OR OTHER EQUIPMENT TO REMAIN.

IDENTIFIED BY OWNER PRIOR TO DEMO. DISPOSE OF WOOD  
WASTES (E.G., CREOSOTE/CCA) IN ACCORDANCE WITH  
REQUIREMENTS. PROVIDE DISPOSAL MANIFESTS UPON REQUEST. ALL  
DISPOSAL MUST BE LEGALLY DISPOSED OF OR RECYCLED. SCOREBOARD  
FOR SALVAGE/DEMO.

B/BALLASTS AS UNIVERSAL WASTE. COLLECT, CONTAIN, AND  
DISCARD WITH EPA/STATE REQUIREMENTS. PROVIDE DISPOSAL  
TEST.

SCOREBOARD, FIELD/TURF, TRACK SURFACES, FENCES, AND  
IN. USE SPREAD MATS OR LOW-GROUND-PRESSURE EQUIPMENT  
G WOOD POLES OVER TURF. REPAIR ANY DAMAGE AT NO COST

FOR FIELD ACCESS, HAUL ROUTES, EROSION CONTROL, AND  
RESTORATION. DESIGNATE POLE LOWERING ZONES AND LOGISTICS  
FOR IRRIGATION DAMAGE AND SCOREBOARD AREAS.

DO CONDUCTOR PULL STRINGS, TRACER WIRES, WARNING TAPE,  
TAPED WITH DEMOED RACEWAYS/DUCTS.

MAKE SAFE ANY TEMPORARY OR EXISTING CONTROL/NETWORK  
DURING SCOREBOARD/PRESS BOX DEMO. RETAIN AND PROTECT  
THE SCOREBOARD AND FIELD SYSTEMS TO REMAIN.

BARRICADE OPEN EXCAVATIONS AND SECURE WORK AREAS.  
PREVENT PEDESTRIAN INTRUSION. NO ABANDONED ELECTRICAL  
EQUIPMENT. NO FREE-FALLING OF POLES, CRANE/HOIST OPERATIONS  
DEEP LIFT PLANS. MAINTAIN CLEARANCES FROM THE SCOREBOARD  
FOUNDATION OR SCOREBOARD STRUCTURE CLEARANCE CONFLICTS EXIST  
WOOD POLES OR REMOVING SCOREBOARD/PRESS BOX COMPONENTS  
IF AS REQUIRED.

MONSTRATE THAT ALL DEMO RACEWAY ENDS ARE REMOVED OR  
MAINTAINED TO PREVENT INTRUSION. NO ABANDONED ELECTRICAL  
EQUIPMENT EXPOSED. PRESERVE ACTIVE RACEWAYS FEEDING THE  
TEMPORARY FEEDS USED FOR CUT-OVER.

D CONCRETE PADS, EQUIPMENT STANDS, BOLLARDS, AND  
STRUCTURES ASSOCIATED WITH THE EXISTING LIGHTING, BLEACHERS, AND  
DEMOLITION OF GUY ANCHORS/DEADEN FOR WOOD POLES. DO  
BE AN EQUIPMENT-RELATED PADS, CONDUITS, OR  
N.

NS REQUIRED FOR A COMPLETE AND SAFE DEMOLITION  
SPECIFICALLY CALLED OUT IN THESE NOTES.

1 CONTRACTOR SHALL DEMOLISH EXISTING FIELD LIGHTING, WOOD POLES (CONTROLLED LOWERING), ARMS, RECEPTACLES, AND ALL ASSOCIATED ACCESSORIES, HANDHOLES, RACEWAYS, AND FOUNDATIONS (REMOVE TO 24" MIN BELOW FINISHED GRADE OR FULL DEPTH WHERE NEW WORK CONFLICTS). REMOVE FEEDERS/BRANCH CONDUCTORS BACK TO THE UPSTREAM ACTIVE SOURCE AND SEAL RACEWAY ENDS WATERTIGHT. REMOVE EXISTING SPRINKLER/IRRIGATION CONTROLLER WITH CARE FOR REUSE; TAP, PROTECT, AND LABEL ALL EXISTING PIPING AND CONDUITS. REMOVE EXISTING LOW-VOLTAGE CONTROL CABLES; PROTECT VALVE WIRING/CABLING TO REMAIN. COORDINATE WITH GC FOR FINAL LOCATION OF THE IRRIGATION CONTROL VALVE AND FUTURE IRRIGATION EQUIPMENT. DO NOT DISTURB SCOREBOARD POWER/CONTROLS TO REMAIN.

2 CONTRACTOR SHALL DEMOLISH EXISTING FIELD LIGHTING, WOOD POLES (CONTROLLED LOWERING/SECTIONING), ARMS, AUDIO SPEAKERS AND BRACKETS, RECEPTACLES, AND ALL ASSOCIATED ACCESSORIES, HANDHOLES, RACEWAYS, GUYS AND CABLES (REMOVE TO 24" MIN BELOW FINISHED GRADE OR FULL DEPTH WHERE NEW WORK CONFLICTS). DISPOSE OF TREATED WOOD PILES PER EPA/STATE/LOCAL REQUIREMENTS. REMOVE FEEDERS AND BRANCH CONDUCTORS BACK TO THE UPSTREAM ACTIVE SOURCE (PANEL/SWITCHBOARD OR FIRST ACTIVE JUNCTION); IDENTIFY AND PRESERVE CIRCUITS SERVING THE SCOREBOARD AND FIELD SYSTEMS TO REMAIN. CAP/SEAL ALL ABANDONED RACEWAY ENDS WATERTIGHT. DO NOT DISTURB SCOREBOARD POWER/CONTROLS, FIELD LIGHTING, OR IRRIGATION/VALVE CABLING OR WIRING. USE OF GROUNDING AND PRESSURE MOUNTING OVER OR UNDER AS REQUIRED.

3 CONTRACTOR SHALL DEMOLISH EXISTING OVERHEAD FIBER-OPTIC CABLE AND ALL SUPPORT HARDWARE FROM THE SOFTBALL PRESS BOX TO THE EXISTING SINGLE STORY BRICK BUILDING IT ROOM, INCLUDING MESSENGER/STRAND, LASHING WIRE CLAMPS, J-HOOKS, AND WEATHERHEADS. COORDINATE WITH DISTRICT 1.T.: VERIFY ALL CABLES ARE DECOMMISSIONED AND REMOVED FROM THE PRESS BOX. FIELD SYSTEMS TO REMAIN. REMOVE AERIAL HARDWARE FROM WOOD POLES SCHEDULED FOR DEMO. AT BUILDING/ENCLOSURE PENETRATIONS, REMOVE AND PATCH ALL OPENINGS. REMOVE THE EXISTING FIELD SYSTEM AND FIELD SYSTEM WATER TIGHT. PEST-TIGHTEN ALL SOURCE, EITHER REMOVE CABLE AND CAP/SEAL POTS OR COIL, LABEL "DARK," AND SECURE INSIDE THE ENCLOSURE PER ENGINEER DIRECTION. PROVIDE AS-DEMOLISHED REDLINES INDICATING FINAL ENDPOINTS AND REMOVAL.

4 CONTRACTOR SHALL REMOVE ALL EXISTING ELECTRICAL BOXES, AND ACCESSORIES (FEEDERS/BRANCH CONDUCTORS, RECEPTACLES, AND ACCESSORIES) FROM THE EXISTING PRESS BOX AS INDICATED. REMOVE FEEDERS ("MAIN CONDUCTORS") BACK TO THE UTILITY SERVICE POINT (TRANSFORMER SECONDARY TERMINALS, CT/ METERING ASSEMBLY, OR FIRST ACTIVE JUNCTION) AS DIRECTED BY THE UTILITY. REMOVE ALL EXISTING FIELD SYSTEMS FROM THE PRESS BOX WITH UTILITY PRESENCE. COORDINATE METER PULL/SHUTOFF AND CUT-OVER WITH THE UTILITY. CAP/SEAL ALL ABANDONED RACEWAY ENDS WATER TIGHT. COORDINATE LOCKOUT/TAG-OUT AND LOCKDOWN WINDOWS WITH OWNER. REMOVE ASSOCIATED WIRING/BONDING AND GROUNDING. REMOVE ALL EXISTING PRESS BOX SERVICE/FEED AS PART OF DEMOLITION UNLESS ADJACENT TO REMAIN. PATCH AND SEAL ALL WALL/ROOF PENETRATIONS TO MATCH ADJACENT CONSTRUCTION - WATER TIGHT, PEST-TIGHT. COORDINATE WITH DISTRICT 1.T. BEFORE REMOVING ANY LOW-VOLTAGE NETWORK OR FIELD SYSTEMS TO REMAIN. TURN OVER AS-DEMOLISHED REDLINES SHOWING CUTBACK/TERMINATION POINTS.

5 EXISTING SCOREBOARD TO REMAIN AND BE REUSED. PROTECT IN PLACE DURING DEMOLITION AND ALL SUBSEQUENT CONSTRUCTION ACTIVITIES.

6 REMOVE AND DISPOSE OF EXISTING CONDUCTORS FROM SOURCE TO SCOREBOARD. LEAVE EXISTING CONDUIT IN PLACE FOR REUSE; CAP AND LABEL ALL OPENINGS. PROTECT EXISTING CONDUIT AND ALL SUBCUTS/RACEWAYS TO REMAIN. PROTECT DURING DEMOLITION; REPAIR ANY DAMAGE PRIOR TO REUSE.

7 EXISTING GAME LIVE STREAMING EQUIPMENT TO BE REMOVED, PRESERVED, AND REINSTALLED IN NEW PRESS BOX. CONTRACTOR SHALL CAREFULLY REMOVE ALL COMPONENTS DURING CONSTRUCTION AND PROTECT FOR REUSE. COORDINATE FINAL REINSTALLATION LOCATION AND CONNECTIONS WITH ENGINEER AND OWNER.

8 CONTRACTOR SHALL DEMOLISH EXISTING FIELD LIGHTING, WOOD POLES (CONTROLLED LOWERING), ARMS, RECEPTACLES, AND ALL ASSOCIATED ACCESSORIES, HANDHOLES, RACEWAYS, AND FOUNDATIONS (REMOVE TO 24" MIN BELOW FINISHED GRADE OR FULL DEPTH WHERE NEW WORK CONFLICTS). REMOVE FEEDERS AND BRANCH CONDUCTORS BACK TO THE UPSTREAM ACTIVE SOURCE (PANEL/SWITCHBOARD OR FIRST ACTIVE JUNCTION) AND CAP/SEAL ALL RACEWAY ENDS WATER TIGHT. REMOVE ALL EXISTING SUBCUTS/RACEWAYS SERVING THE SCOREBOARD AND FIELD SYSTEMS TO REMAIN.

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**SOFTBALL UPGRADES**  
**VICKSBURG WARREN SCHOOL DISTRICT**  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN  
PROJECT NO: 0323.25.002  
DRAWN BY: KDB  
CHECKED BY: KDB

**ELECTRICAL SITE DEMO PLAN -  
WCHS SOFTBALL FIELD**

NO.	DATE	REVISION / SUBMITTAL
REV 0	10.31.25	ISSUED FOR CONSTRUCTION
REV 1	12.03.25	ADDENDUM 02

# E006

**VERIFY SCALES**

ONE INCH ON ORIGINAL DRAWING

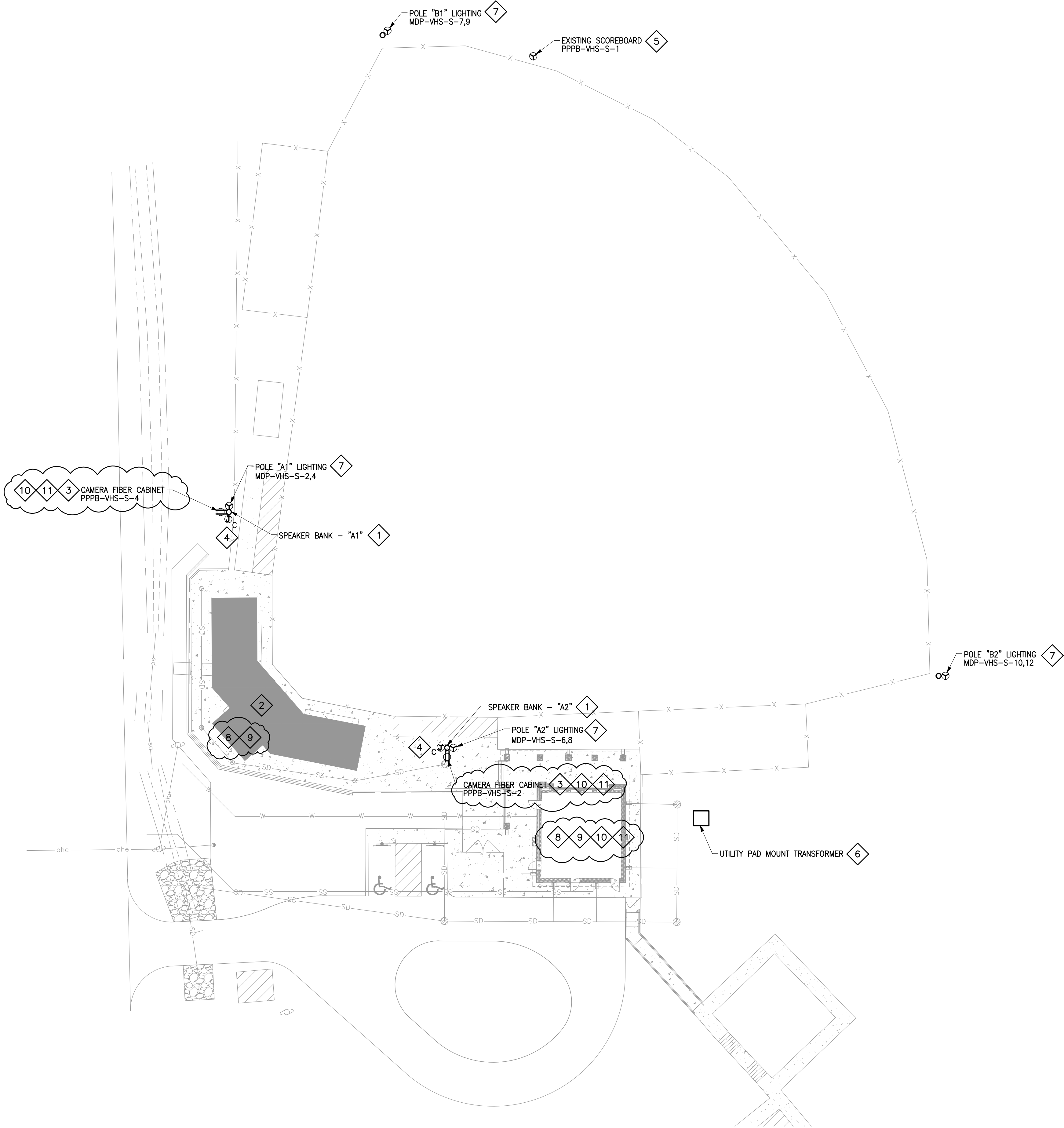
1"

ONE INCH ON THIS SHEET, ADJUST  
SCALES ACCORDINGLY



PRINTED: 12/3/2025 9:30 AM BY: Kenneth Boverin LAST SAVED: 12/3/2025 9:15 AM BY: Kwevin m: 0323\_vicksburg warren school district\0323.25.002\_wsd softball upgrade\01-production drawings\wsd softball upgrade.dwg

1 ELECTRICAL SITE PLAN - VHS SOFTBALL  
SCALE: 1" = 20'-0"

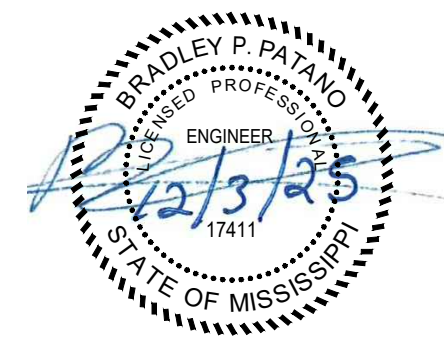


DRAWING E101 NOTES

- REFERENCE SPECIFICATION SECTION 265668 - ATHLETIC FIELD LIGHTING FOR FIXTURE TYPES, POLES/FOUNDATIONS, WIRING METHODS, CONTROLS/INTERFACES, GROUNDING/BONDING, PHOTOMETRIC PERFORMANCE, SUBMITTALS, FIELD AIMING/FOCUSING, COMMISSIONING, AND WARRANTY REQUIREMENTS. COORDINATE INSTALLATION WITH VENDOR'S STAMPED SHOP DRAWINGS AND APPROVED PHOTOMETRICS.
- POLE FOUNDATIONS, ANCHOR BOLT LAYOUTS, AND REACTION LOADS SHALL BE PROVIDED BY THE ATHLETIC LIGHTING MANUFACTURER, SIGNED AND SEALED BY A MISSISSIPPI-LICENSED PROFESSIONAL ENGINEER, BASED ON PROJECT GEOTECHNICAL PARAMETERS. SUBMIT STAMPED FOUNDATION DETAILS/CALCULATIONS; ANCHOR BOLT TEMPLATES, AND SETTING DRAWINGS FOR REVIEW PRIOR TO EXCAVATION. COORDINATE POLE LOCATIONS, OFFSETS, FINISH GRADES, AND CONDUIT ENTRIES WITH CIVIL/STRUCTURAL; FIELD-VERIFY BEFORE EXCAVATION.
- ALL POLES SHALL BE INSTALLED PLUMB WITH FINAL AIMING PER MANUFACTURER'S SIGNED AND SEALED PHOTOMETRICS AND AIMING DIAGRAMS. PROVIDE FINAL AIMING REPORTS AND AS-BUILTS.
- PROVIDE A GROUNDING ELECTRODE SYSTEM AT EACH POLE PER NEC AND MANUFACTURER REQUIREMENTS. BOND POLE, LUMINAIRES, CAMERA ENCLOSURES, HANDHOLES, AND ALL METALLIC COMPONENTS.
- ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 80 PVC WITH LONG-RADIUS SWEEPS. PROVIDE TRACER WIRE, WARNING TAPE, AND 36-INCH MINIMUM COVER UNLESS NOTED OTHERWISE.
- NO SPLICING OF FEEDERS OR LIGHTING CIRCUITS IS PERMITTED WITHIN POLES OR BELOW GRADE EXCEPT THROUGH LISTED EQUIPMENT AND WHEN SHOWN ON THE DRAWINGS.
- SEAL ALL CONDUIT ENTRIES TO POLES, JUNCTION BOXES, AND EQUIPMENT CABINETS WITH LISTED SEALANTS/PLUGS TO PREVENT MOISTURE, GAS, AND INSECT INTRUSION.
- PROTECT EXISTING SCOREBOARD CIRCUITS, IRRIGATION, COMMUNICATIONS, AND UNDERGROUND UTILITIES DURING CONSTRUCTION. REPAIR DAMAGE TO EQUAL OR BETTER THAN ORIGINAL CONDITION AT NO COST TO OWNER.
- PROVIDE OSHA-COMPLIANT TRENCHING/SHORING, BARRICADES, AND SITE SAFETY. BACKFILL WITH ENGINEERED FILL, COMPACT, AND RESTORE TURF/SURFACES TO MATCH ADJACENT CONDITIONS.
- FINAL COMMISSIONING SHALL BE PERFORMED WITH OWNER, ENGINEER, AND MANUFACTURER REPRESENTATIVE PRESENT. VERIFY OPERATION, CONTROLS, AND AIMING; RECORD LIGHT LEVELS AND TURN OVER AS-BUILTS AND COMMISSIONING REPORTS.
- ALL JUNCTION BOXES DENOTED WITH THE LETTER "C" ARE FOR SECURITY CAMERAS (CAMERAS BY OWNER). CONTRACTOR SHALL PROVIDE AND INSTALL A 6-STRAND SINGLE-MODE FIBER-OPTIC CABLE IN 1" CONDUIT FROM THE I.T. RACK IN THE CONCESSIONS BUILDING TO EACH LIGHT POLE, AND TERMINATE IN A NEW EXTERIOR CAMERA FIBER CABINET AT THE BASE OF EACH POLE. SEE SHEET E502 FOR CABINET DETAILS. CAMERA POLE JUNCTION BOXES SHALL BE MOUNTED TO EACH LIGHT POLE AT THE HEIGHT/LOCATION SHOWN AND SHALL BE HOFFMAN 8"x6"x4" (864) NEMA 3R GASKETED STEEL J-BOX (OR EQUAL) WITH DRIP SHIELD AND WEATHERTIGHT HUBS; USE 304 STAINLESS OR HOT-DIP GALVANIZED FASTENERS AND PROVIDE ISOLATION WASHERS TO AVOID DISSIMILAR-METAL CORROSION. BOND THE BOX TO THE POLE GROUND. PROVIDE AND INSTALL A NEMA 5-20R RECEPTACLE INSIDE THE CAMERA FIBER CABINET (WEATHER-RESISTANT, TAMPER-RESISTANT, WITH IN-USE COVER). PROVIDE AND INSTALL OUTDOOR-RATED CAT 6 FROM THE CAMERA J-BOX TO THE CAMERA FIBER CABINET IN WEATHERPROOF RACEWAY; LABEL BOTH ENDS. SEAL ALL PENETRATIONS WEATHERTIGHT; MAINTAIN SEPARATION FROM FIELD-LIGHTING CIRCUITS. TEST AND CERTIFY FIBER AND COPPER CABLING PER SPECIFICATIONS.

DRAWING E101 SPECIFIC NOTES

- SPEAKER BANKS SHALL BE MOUNTED TO THE NEW LIGHT POLES. SEE SHEET E611 FOR MORE DETAILS.
- CONTRACTOR SHALL PROVIDE A #4/0 BARE COPPER CONDUCTOR FROM BLEACHERS TO GROUNDING ELECTRODE SYSTEM. CONTRACTOR SHALL BOND THE BLEACHERS IN A MINIMUM OF 6 PLACES.
- CONTRACTOR SHALL MOUNT RECEPTACLE INSIDE CAMERA FIBER CABINET. SEE SHEET E502 FOR DETAILS.
- CONTRACTOR SHALL PROVIDE AND INSTALL A HOFFMAN 864 BOX FOR CAMERA MOUNTING. MOUNT BOX AT 30'-0" AFG.
- CONTRACTOR SHALL LOCATE/INTERCEPT THE EXISTING SCOREBOARD POWER CONDUIT AND EXTEND IT TO THE NEW PRESS BOX. PROVIDE A NEW BRANCH CIRCUIT FROM PANEL PPPB-VHS-S TO THE EXISTING SCOREBOARD USING #8 AWG CU THWN-2 (VOLTAGE-DROP BASIS). FIELD-COORDINATE FINAL TERMINATION WITH THE SCOREBOARD; PROVIDE BREAKER/DISCONNECT AS SCHEDULED. REMOVE OR CAP/SEAL ANY ABANDONED FEEDS WATER-TIGHT.
- PAD MOUNTED TRANSFORMER SHALL BE PROVIDED AND INSTALLED BY UTILITY. CONTRACTOR SHALL PROVIDE AND INSTALL TRANSFORMER PAD PER LOCAL UTILITY REQUIREMENTS. COORDINATE ALL DIMENSIONS, CONDUIT STUB-UPS, AND GROUNDING DETAILS WITH UTILITY PRIOR TO CONSTRUCTION. REFER TO SHEET E502 FOR TYPICAL TRANSFORMER PAD DETAILS AND TO ONE-LINE DIAGRAM ON SHEET E601 FOR SERVICE ENTRANCE REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL UTILITY PRIMARY CONDUITS AS DIRECTED BY UTILITY COMPANY.
- PANELBOARD MDP-VHS-S IS LOCATED IN THE CONCESSIONS BUILDING.
- CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 2-INCH PVC CONDUIT FROM NEW TELECOM. BACKBOARD LOCATED IN CONCESSIONS BUILDING TO NEW TELECOM. RACK LOCATED IN PRESS BOX. CONDUIT SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED. TERMINATE ALL CONDUITS WITH PVC BELL ENDS AT BOTH ENDS. COORDINATE EXACT STUB-UP LOCATION IN CONCESSIONS BUILDING WITH LOCATION OF TELECOM. BACKBOARD PRIOR TO ROUGH IN.
- CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 6-STRAND (3 DUPLEX) LASER-OPTIMIZED OM3 50/125  $\mu$ m MULTIMODE FIBER OPTIC CABLE, INDOOR/OUTDOOR, DIELECTRIC, LOOSE-TUBE, WATER-BLOCKED, OFNR RATED (OFNR WHERE INSTALLED IN PLENUMS) FROM NEW IT RACK IN THE CONCESSIONS TO NEW IT RACK IN THE PRESS BOX. NO FIELD SPLICE AT BUILDING ENTRANCE (CONTINUOUS CABLE). TERMINATE AT BOTH ENDS ON RACK-MOUNTED PATCH PANEL WITH LC DUPLEX ADAPTERS AND PROVIDE MATCHING LC DUPLEX PATCH CORDS. PROVIDE SERVICE LOOPS (MIN. 10 FT AT EACH HANDHOLE; MIN. 30 FT AT MDF).
- CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 1-INCH PVC CONDUIT FROM NEW TELECOM. BACKBOARD LOCATED IN CONCESSIONS BUILDING TO NEW CAMERA FIBER CABINET AT LIGHT POLE. CONDUIT SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED. TERMINATE ALL CONDUITS WITH PVC BELL ENDS AT BOTH ENDS. COORDINATE EXACT STUB-UP LOCATION IN CONCESSIONS BUILDING WITH LOCATION OF TELECOM. BACKBOARD PRIOR TO ROUGH IN.
- CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 6-STRAND (3 DUPLEX) LASER-OPTIMIZED OM3 50/125  $\mu$ m MULTIMODE FIBER OPTIC CABLE, INDOOR/OUTDOOR, DIELECTRIC, LOOSE-TUBE, WATER-BLOCKED, OFNR RATED (OFNR WHERE INSTALLED IN PLENUMS) FROM NEW IT RACK IN THE CONCESSIONS TO NEW CAMERA FIBER CABINET AT LIGHT POLE. NO FIELD SPLICE AT BUILDING ENTRANCE (CONTINUOUS CABLE). TERMINATE AT BOTH ENDS ON RACK-MOUNTED PATCH PANEL WITH LC DUPLEX ADAPTERS AND PROVIDE MATCHING LC DUPLEX PATCH CORDS. PROVIDE SERVICE LOOPS (MIN. 10 FT AT EACH HANDHOLE; MIN. 30 FT AT MDF).



**SOFTBALL UPGRADES**  
**VICKSBURG WARREN SCHOOL DISTRICT**  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN  
PROJECT NO. 0323.25.002  
DRAWN BY: KDB  
CHECKED BY: KDB

ELECTRICAL SITE PLAN - VHS SOFTBALL

NO.	DATE	REVISION / SUBMITTAL
REV 0	10.31.25	ISSUED FOR CONSTRUCTION
REV 1	12.03.25	ADDENDUM 02

**E101**

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THIS DOCUMENT, SIGNED, DATED AND SEALED, ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR, SUBCONTRACTOR, AND/OR OWNER SHALL CONSULT ENGINEER'S DRAWINGS FOR ALL DETAILS, MATERIALS, AND METHODS OF CONSTRUCTION. THE DRAWINGS, SPECIFICATIONS, AND NOTES SHALL BE CONSIDERED THE BASIS FOR THE WORK. ANY CHANGES TO THE WORK SHALL BE APPROVED BY THE ENGINEER IN CHARGE.






**SOFTBALL UPGRADES**  
**VICKSBURG WARREN SCHOOL DISTRICT**  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN  
PROJECT NO: 0323.25.002  
DRAWN BY: KDB  
CHECKED BY: KDB

# ELECTRICAL SITE PLAN - WCHS SOFTBALL

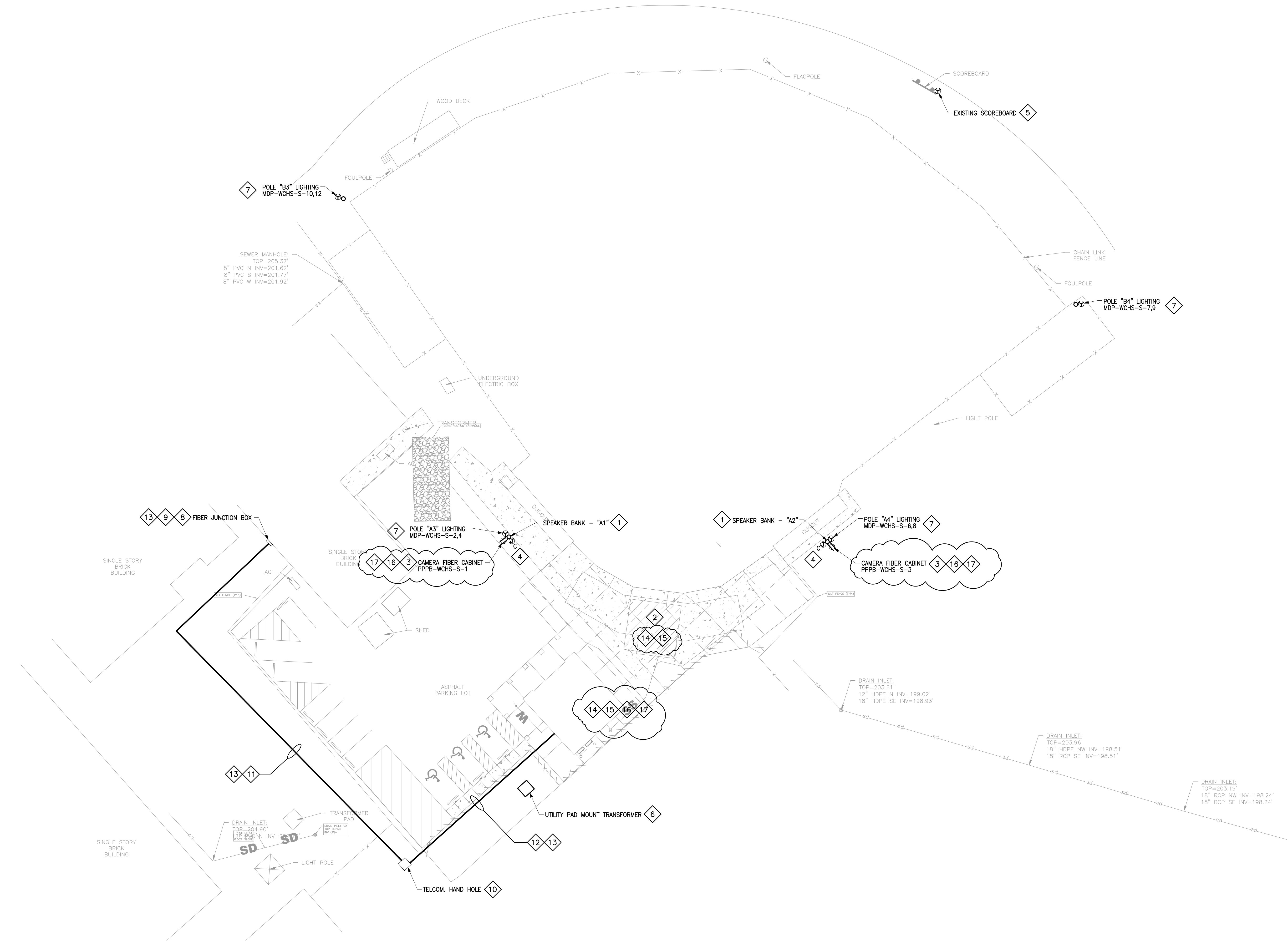
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**E103**

**VERIFY SCALES**  
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 1"  
IF NOT ONE INCH ON THIS SHEET, ADJUST  
SCALES ACCORDINGLY

- REFERENCE SPECIFICATION SECTION 255668 – ATHLETIC FIELD LIGHTING FOR FUTURE TYPES, POLES/FOUNDATIONS, WIRING METHODS, CONTROLS/INTERFACES, GROUNDING, PHOTOGRAPHY, PERFORMANCE, AND MAINTENANCE. THE CONTRACTOR SHALL AIMING/FOCUSING, COMMISSIONING, AND WARRANTY REQUIREMENTS. COORDINATE INSTALLATION WITH VENDOR'S STAMPED SHOP DRAWINGS AND APPROVED PHOTOMETRICS.
2. POLE FOUNDATIONS, ANCHOR BOLT LAYOUTS, AND REACTION LOADS SHALL BE PROVIDED BY THE ATHLETIC LIGHTING MANUFACTURER, SIGNED AND SEALED BY A MICHIGAN LICENSED PROFESSIONAL ENGINEER, BASED ON PROJECT GEOTECHNICAL PARAMETERS. SUBMIT STAMPED FOUNDATION DETAILS/CALCULATIONS, ANCHOR BOLT TEMPLATES, AND SETTING DRAWINGS FOR REVIEW PRIOR TO EXCAVATION. THE CONTRACTOR SHALL PROVIDE A POLE FOUNDATION AND ANCHOR CONDUIT ENTRIES WITH CIVIL/STRUCTURAL, LIGHT-VERIFY BEFORE EXCAVATION.
3. ALL POLES SHALL BE INSTALLED PLUMB WITH FINAL AIMING PER MANUFACTURER'S SIGNED AND SEALED PHOTOMETRICS AND AIMING DIAGRAMS. PROVIDE FINAL AIMING REPORTS AND AS-BUILTS.
4. PROVIDE A GROUNDING ELECTRODE SYSTEM AT EACH POLE PER NEC AND MANUFACTURER REQUIREMENTS. BOND POLE, LUMINAIRES, CAMERA ENCLOSURES, HANDHOLES, AND ALL METALLIC COMPONENTS.
5. ALL UNDERGROUND CONDUITS SHALL BE SCHEDULE 80 PVC WITH LONG-RADIUS SWEEPS. USE CAMERA WIRE, WARNING TAPE, AND 36-INCH MINIMUM COVER UNLESS NOTED OTHERWISE.
6. NO SPLICING OF FEEDERS OR LIGHTING CIRCUITS IS PERMITTED WITHIN POLES OR BELOW GRADE EXCEPT THROUGH LISTED EQUIPMENT AND WHEN SHOWN ON THE DRAWINGS.
7. SEAL ALL CONDUIT ENTRIES TO POLES, JUNCTION BOXES, AND EQUIPMENT CABINET WITH LISTED SEALANTS/PLUGS TO PREVENT MOISTURE, GAS, AND INSECT INTRUSION.
8. PROTECT EXISTING SCOREBOARD CIRCUITS, IRRIGATION, COMMUNICATIONS, AND UNDERGROUND UTILITIES DURING CONSTRUCTION. REPAIR DAMAGE TO EQUAL OR BETTER THAN ORIGINAL CONDITION AT NO COST TO OWNER.
9. PROVIDE OSHA-COMPLIANT TRENCHING/SHORING, BARRICADES, AND SITE SAFETY. BACKFILL WITH ENGINEERED FILL, COMPACT, AND RESTORE TURF/SURFACES TO MATCH EXISTING SURFACE CONDITIONS.
10. FINAL COMMISSIONING SHALL BE PERFORMED WITH OWNER, ENGINEER, AND MANUFACTURER REPRESENTATIVE PRESENT. VERIFY OPERATION, CONTROLS, AND AIMING; RECORD LIGHT LEVELS AND TURN OVER AS-BUILTS AND COMMISSIONING REPORTS.
11. ALL JUNCTION BOXES DENOTED WITH THE LETTER "C" ARE FOR SECURITY CAMERAS (CAMERAS BY OWNER). CONTRACTOR SHALL PROVIDE AND INSTALL A 6-STRAND 12-2 WIRE FIBER-OR FIBER-TO-PLASTIC (FTTP) PRODUCT FROM THE 1/E BACK IN THE CONCESSIONS BUILDING TO EACH LIGHT POLE, AND TERMINATE IN A NEW EXTERIOR CAMERA FIBER CABINET AT THE BASE OF EACH POLE; SEE SHEET E502 FOR FIBER OPTICALS. CAMERA POLE JUNCTION BOXES SHALL BE MOUNTED TO EACH LIGHT POLE AT THE HEIGHT/LOCATION SHOWN AND SHALL BE HOFFMAN 8"X6"X4" (864) NEMA 3R GASKETED STEEL J-BOX (OR EQUAL) WITH DRIP SHIELD AND WEATHERTIGHT HUBS; USE 304 STAINLESS OR HOT-DIP GALVANIZED FASTENERS AT ALL PENETRATIONS. CAMERA POLE JUNCTION BOXES SHALL BE WEATHER-RESISTANT TO THE POLE GROUND, PROVIDE AND INSTALL A NEMA 5-20R RECEPTACLE INSIDE THE CAMERA FIBER CABINET (WEATHER-RESISTANT, TAMPER-RESISTANT, WITH GROUNDING TERMINAL). CAMERA FIBER CABLE SHALL BE WEATHER-RESISTANT, WITH J-BOX TO THE CAMERA FIBER CABINET IN WEATHERPROOF RACEWAY, LABEL BOTH ENDS. SEAL ALL PENETRATIONS WEATHER-TIGHT; MAINTAIN SEPARATION FROM FIELD CABLES AND CIRCUITS. TEST AND CERTIFY FIBER AND COPPER CABLE/FIBER SPECIFICATIONS.

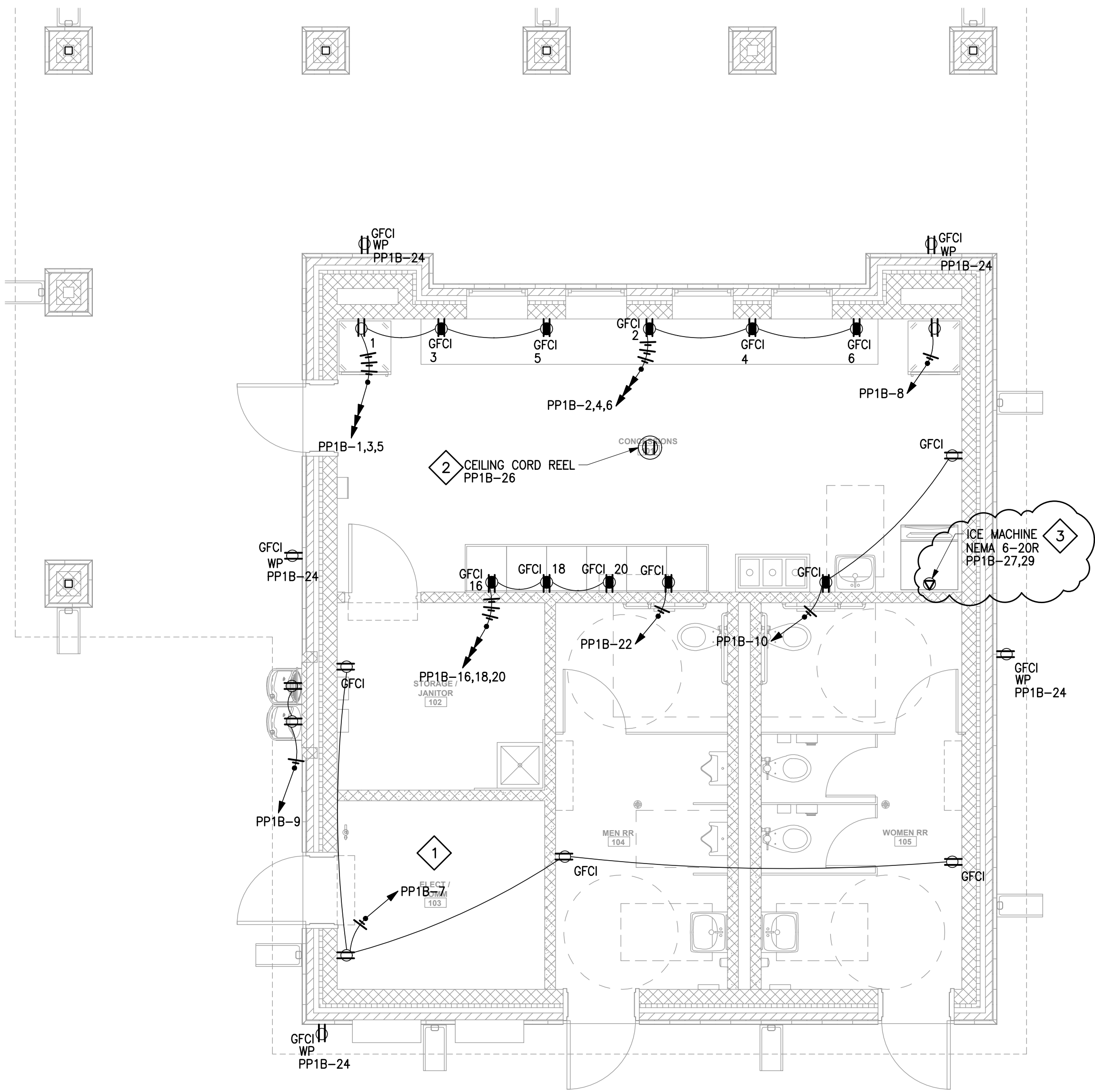
- 1 SPEAKER BANKS SHALL BE MOUNTED TO THE NEW LIGHT POLES. SEE SHEET E611 FOR MORE DETAILS.
- 2 CONTRACTOR SHALL PROVIDE A #4/0 BARE COPPER CONDUCTOR FROM BLEACHERS TO GROUNDING ELECTRODE SYSTEM. CONTRACTOR SHALL BOND THE BLEACHERS IN A MINIMUM OF 6 PLACES.
- 3 CONTRACTOR SHALL MOUNT RECEPTACLE INSIDE CAMERA FIBER CABINET. SEE SHEET E502 FOR DETAILS.
- 4 CONTRACTOR SHALL PROVIDE AND INSTALL A HOFFMAN B64 BOX FOR CAMERA MOUNTING. MOUNT BOX 30" FROM WALL.
- 5 CONTRACTOR SHALL LOCATE/INTERCEPT THE EXISTING SCREOWARE POWER CONDUIT AND EXISTING NEW CONDUIT FROM WHICH A NEW 1/2" PVC CONDUIT SHALL BE RUN TO FIELD SPICE. REFER WCHS-S TO THE EXISTING SCREOWARE USING #8 WAG CU THWN-2 (VOLTAGE-DROP BASIS). FIELD-COORDINATE FINAL TERMINATION WITH THE SCREOWARE; PROVIDE BREAKER/DISCONNECT AS SCHEDULED. REMOVE OR CAP/SEAL ANY ABANDONED FEEDS WATERHIGHT.
- 6 PAD MOUNTED TRANSFORMER SHALL BE PROVIDED AND INSTALLED BY UTILITY. CONTRACTOR SHALL PROVIDE AND INSTALL TRANSFORMER PAD PER LOCAL UTILITY REQUIREMENTS. CONTRACTOR SHALL DISCONNECT CONDUIT STUB-UPS FROM GROUNDING DETAILS WITH UTILITY PRIOR TO CONSTRUCTION. REFER TO SHEET E502 FOR TYPICAL TRANSFORMER PAD DETAILS AND TO ONE-LINE DIAGRAM ON SHEET E601 FOR SERVICE ENTRANCE REQUIREMENTS. CONTRACTOR SHALL PROVIDE AND INSTALL UTILITY PRIMARY CONDUITS AS DIRECTED BY UTILITY COMPANY.
- 7 PANELBOARD MDP-WCHS-S IS LOCATED IN THE CONCESSIONS BUILDING.
- 8 PROVIDE 24" X 12" X 1/2" NEMA 3R WALL-MOUNTED JUNCTION BOX WITH LOCKABLE HINGED COVER MOUNT SECURELY TO STRUCTURE AT AN ELEVATION THAT ALLOWS CONDUITS TO ENTER THE BUILDING ABOVE THE LAY-IN CEILING. USE RAINTIGHT HUES; MAKE ALL WALL PENETRATIONS WATERHIGHT, SLEEVE AND FIRESTOP IF PENETRATING RATED ASSEMBLIES. BOND BOX TO EQUIPMENT GROUND.
- 9 PROVIDE AND INSTALL TWO (2) 2-INCH CONDUITS FROM THE FIBER JUNCTION BOX TO THE RACK IN THE EXISTING SINGLE-STORY BRICK BUILDING. ROUTE ABOVE THE LAY-IN CEILING, THROUGH WHERE FEASIBLE, PROVIDE NEW 1/2" PVC BELL ENDS IN EACH CONDUIT; CAP ANY LABEL BOTH ENDS. LIMIT TOTAL BENDS TO 360 DEGREES; USE LONG-RANGE SWEEPS, SLEAVE AND FIRESTOP AT ALL WALL/FLOOR PENETRATIONS. MAINTAIN SEPARATION FROM POWER CONDUCTORS PER CODE. SUPPORT PER NEC/NECA STANDARDS.
- 10 CONTRACTOR SHALL PROVIDE AND INSTALL A 4-FOOT BY 4-FOOT BY 4-FOOT PRECAST CONCRETE HAND HOLE WITH INTEGRAL FLOOR. HAND HOLE SHALL BE TRAFFIC-RATED PER LOCAL 14-20 AND FURNISHED WITH A LOCK-ABLE NON-360 COVER LABELED "TELECOM". PROVIDE CONDUIT TERMINATIONS WITH BELL ENDS AND PULL STRINGS IN ALL EMPTY CONDUIT REFER TO CIVIL DRAWINGS FOR STRUCTURAL AND DRAINAGE REQUIREMENTS AND TO ELECTRICAL SHEET E503 FOR HAND HOLE ELECTRICAL DETAILS.
- 11 CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) 2-INCH PVC CONDUITS FROM NEW FIBER JUNCTION BOX TO NEW TELECOM. HAND HOLE. CONDUITS SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED. TERMINATE ALL CONDUITS WITH PVC BELL ENDS AT BOTH ENDS.
- 12 CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) 2-INCH PVC CONDUITS FROM NEW TELECOM. HAND HOLE TO NEW TELECOM. BACKBOARD LOCATED IN CONCESSIONS BUILDING. CONDUITS SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED. TERMINATE ALL CONDUITS WITH PVC BELL ENDS AT BOTH ENDS. COORDINATE EXIST STUB-UP LOCATIONS IN CONCESSIONS BUILDING WITH LOCATION OF TELECOM. BACKBOARD PRIOR TO ROUGH IN.
- 13 CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 12-STRAND (6 DUPLEX) LASER-OPTIMIZE OM3 50/125  $\mu$ m MULTIMODE FIBER OPTIC CABLE, INDOOR/OUTDOOR, DIELECTRIC, LOOSE-TUBE, WATER-BLOCKED, OTRN RATED (ONRP WHERE INSTALLED IN PLENUMS) FROM EXISTING IT RACK IN THE SINGLE STORY BRICK BUILDING TO NEW IT RACK IN THE CONCESSIONS BUILDING ROUTED THROUGH NEW FIBER PULL BOX, AND NEW TELECOM. HAND HOLE AT FIELD SPICE. CONDUIT SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED AT BOTH ENDS ON RACK-MOUNTED PATCH PANEL WITH LC DUPLEX ADAPTERS AND PROVIDE MATCHING LC DUPLEX PATCH CORDS. PROVIDE SERVICE LOOPS (MIN. 10 FT AT EACH HANDHOLE; MIN. 30 FT AT MDP). CAP AND SEAL SPARE CONDUITS.
- 14 CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 2-INCH PVC CONDUIT FROM NEW TELECOM. BACKBOARD LOCATED IN CONCESSIONS BUILDING TO NEW TELECOM. RACK LOCATED IN PRESS BOX. CONDUIT SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED. TERMINATE ALL CONDUITS WITH PVC BELL ENDS AT BOTH ENDS. COORDINATE EXIST STUB-UP LOCATION IN CONCESSIONS BUILDING WITH LOCATION OF TELECOM. BACKBOARD PRIOR TO ROUGH IN.
- 15 CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 6-STRAND (3 DUPLEX) LASER-OPTIMIZE OM3 50/125  $\mu$ m MULTIMODE FIBER OPTIC CABLE, INDOOR/OUTDOOR, DIELECTRIC, LOOSE-TUBE, WATER-BLOCKED, OTRN RATED (ONRP WHERE INSTALLED IN PLENUMS) FROM EXISTING IT RACK IN THE CONCESSIONS BUILDING TO NEW FIBER PULL BOX, AND NEW TELECOM. HAND HOLE AT FIELD SPICE. CONDUIT SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED AT BOTH ENDS ON RACK-MOUNTED PATCH PANEL WITH LC DUPLEX ADAPTERS AND PROVIDE MATCHING LC DUPLEX PATCH CORDS. PROVIDE SERVICE LOOPS (MIN. 10 FT AT EACH HANDHOLE; MIN. 30 FT AT MDP).
- 16 CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 1-INCH PVC CONDUIT FROM NEW TELECOM. BACKBOARD LOCATED IN CONCESSIONS BUILDING TO NEW CAMERA FIBER CABINET LOCATED IN PRESS BOX. CONDUIT SHALL BE INSTALLED EMPTY, WITH NYLON PULL STRINGS PROVIDED. TERMINATE ALL CONDUITS WITH PVC BELL ENDS AT BOTH ENDS. COORDINATE EXIST STUB-UP LOCATION IN CONCESSIONS BUILDING WITH LOCATION OF TELECOM. BACKBOARD PRIOR TO ROUGH IN.
- 17 CONTRACTOR SHALL PROVIDE AND INSTALL ONE (1) 6-STRAND (3 DUPLEX) LASER-OPTIMIZE OM3 50/125  $\mu$ m MULTIMODE FIBER OPTIC CABLE, INDOOR/OUTDOOR, DIELECTRIC, LOOSE-TUBE, WATER-BLOCKED, OTRN RATED (ONRP WHERE INSTALLED IN PLENUMS) FROM NEW IT RACK IN THE CONCESSIONS TO NEW CAMERA FIBER CABINET AT LIGHT POLE. NO FIELD SPICE AT BUILDING ENTRANCE (CONTINUOUS CABLE). TERMINATE AT BOTH ENDS ON RACK-MOUNTED PATCH PANEL WITH LC DUPLEX ADAPTERS AND PROVIDE MATCHING LC DUPLEX PATCH CORDS. PROVIDE SERVICE LOOPS (MIN. 10 FT AT EACH HANDHOLE; MIN. 30 FT AT MDP).



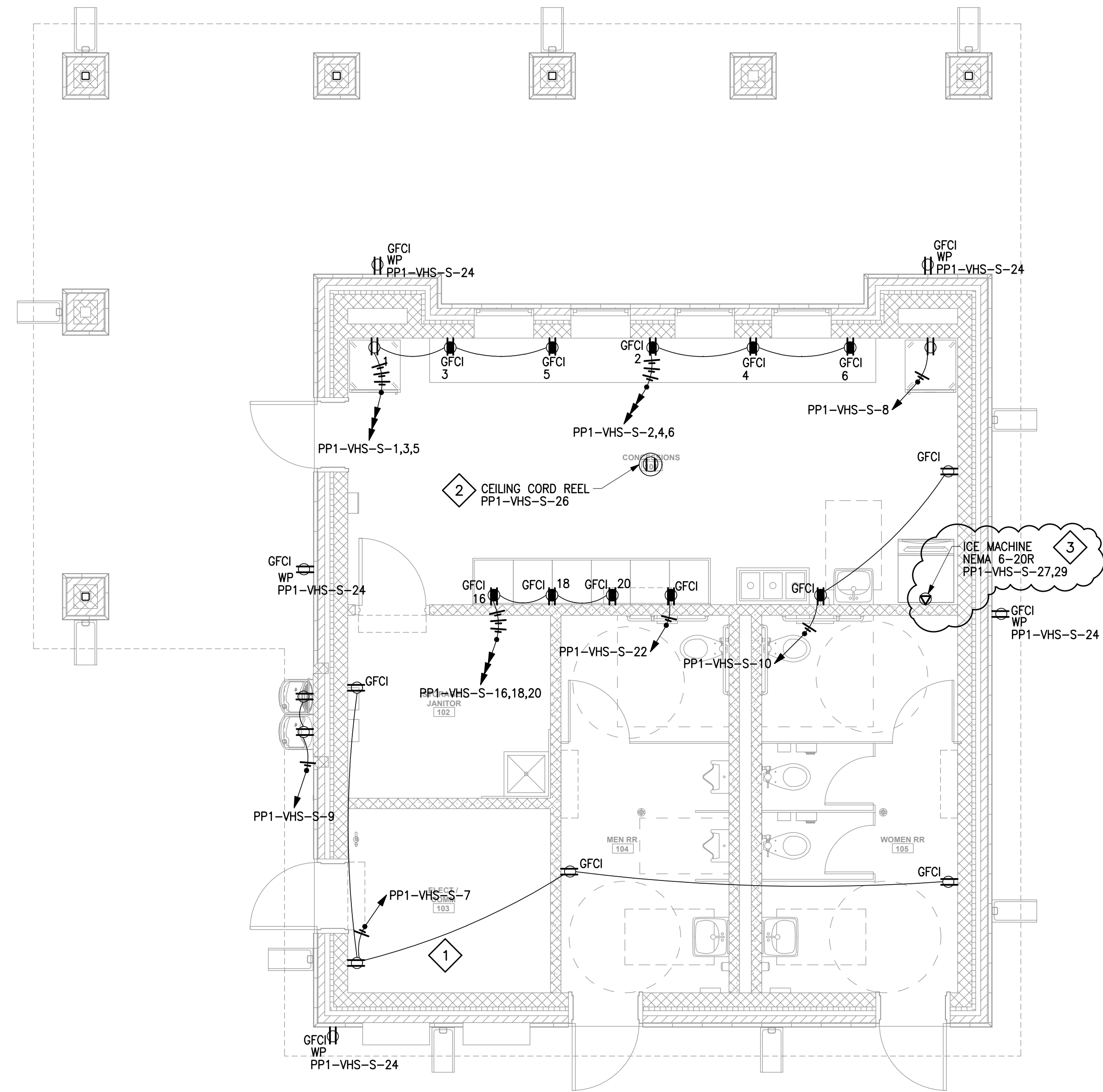
1 ELECTRICAL SITE PLAN - WCHS SOFTBALL  
SCALE: 1" = 20'-0"



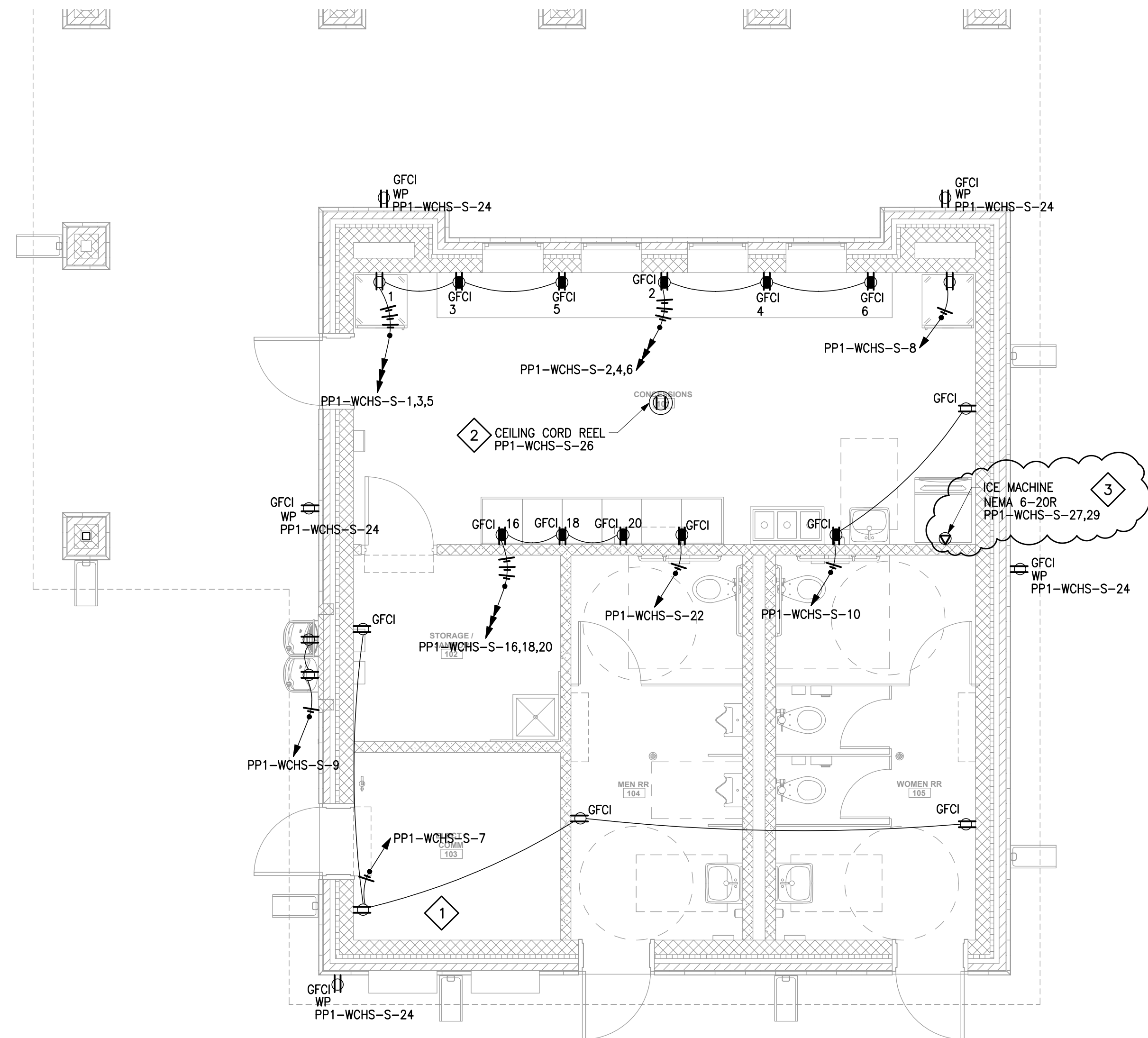
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1 ELECTRICAL POWER PLAN - VHS BASEBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"



2 ELECTRICAL POWER PLAN - VHS SOFTBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"



3 ELECTRICAL POWER PLAN - WCHS SOFTBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"

#### DRAWING E111 NOTES

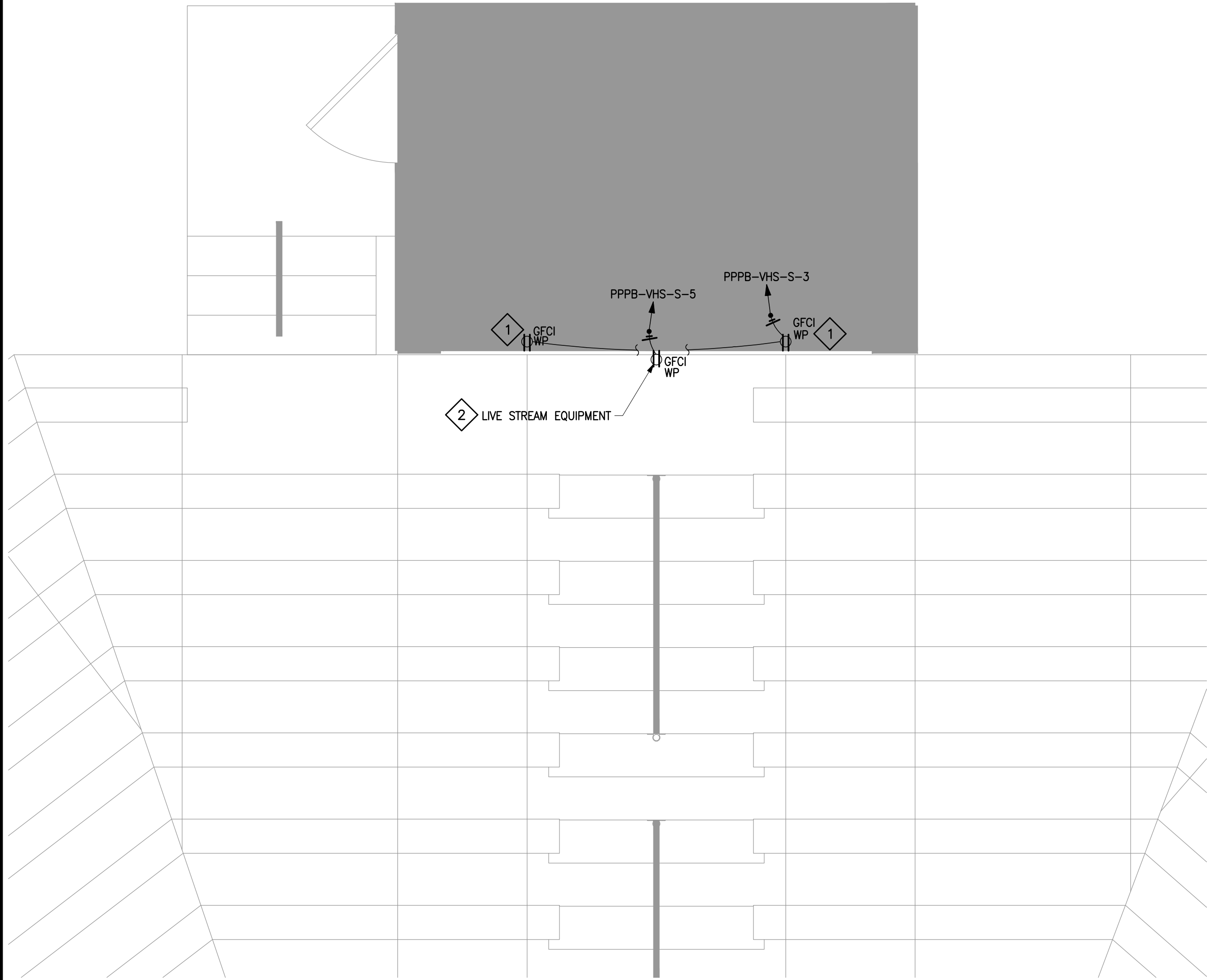
1. ALL RECEPTACLE BRANCH CIRCUITS SHALL BE #12 AWG MINIMUM. WHERE CIRCUIT LENGTH EXCEEDS 100' TO THE FIRST DEVICE, INCREASE TO #10 AWG.
2. ALL RECEPTACLES SHALL BE MOUNTED 18" AFF UNLESS OTHERWISE NOTED. COORDINATE COUNTER RECEPTACLES WITH ARCHITECTURAL ELEVATIONS AND CASEWORK.
3. ALL EXPOSED CONDUIT SHALL BE RIGID GALVANIZED STEEL (RGS) OR INTERMEDIATE METAL CONDUIT (IMC), SUITABLE FOR THE ENVIRONMENT.
4. COORDINATE ALL COUNTER RECEPTACLE HEIGHTS WITH ARCHITECTURAL MILLWORK PRIOR TO ROUGH-IN.
5. ALL RECEPTACLES SHALL BE TAMPER-RESISTANT PER NEC 406.12.
6. DRINKING FOUNTAIN RECEPTACLES SHALL BE MOUNTED INSIDE THE ENCLOSURE. PROVIDE GFCI PROTECTION PER NEC 422.52.

#### DRAWING E111 SPECIFIC NOTES

- 1 SEE ENLARGED ELECTRICAL/COMM ROOM 103 PLAN ON SHEET E201 FOR EQUIPMENT LAYOUT.
- 2 SEE SHEET E501 FOR CEILING CORD REEL DETAILS.
- 3 COORDINATE EXACT ELECTRICAL REQUIREMENTS FOR THE ICE MACHINE WITH THE MANUFACTURER PRIOR TO ROUGH-IN.

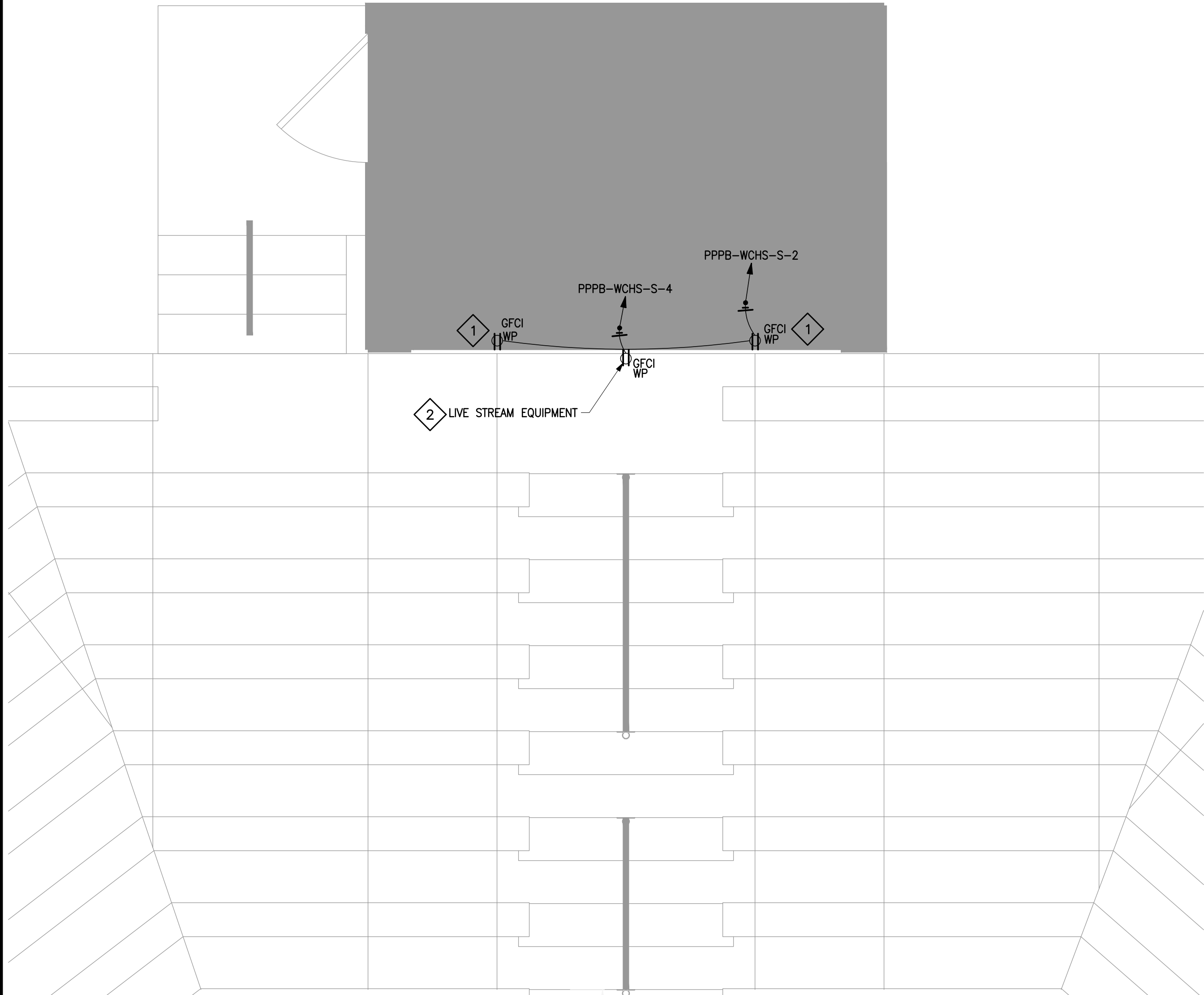


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1 ELECTRICAL POWER PLAN - VHS SOFTBALL PRESS BOX - ROOF PLAN

SCALE: 1/2" = 1'-0"



1 ELECTRICAL POWER PLAN - WCHS SOFTBALL PRESS BOX - ROOF PLAN

SCALE: 1/2" = 1'-0"

#### DRAWING E112 NOTES

1. ALL EXTERIOR CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
2. PROVIDE ALL EMPTY CONDUITS WITH NYLON PULL STRINGS AND CAP ALL ENDS UNTIL USE.
3. ALL RECEPTACLE BRANCH CIRCUITS SHALL BE #12 AWG. MINIMUM. WHERE CIRCUIT LENGTH EXCEEDS 100' TO THE FIRST DEVICE, INCREASE TO #10 AWG.
4. ALL RECEPTACLES SHALL BE MOUNTED 48" AFG UNLESS OTHERWISE NOTED.
5. ALL RECEPTACLES SHALL BE TAMPER-RESISTANT PER NEC 406.12.

#### DRAWING E112 SPECIFIC NOTES

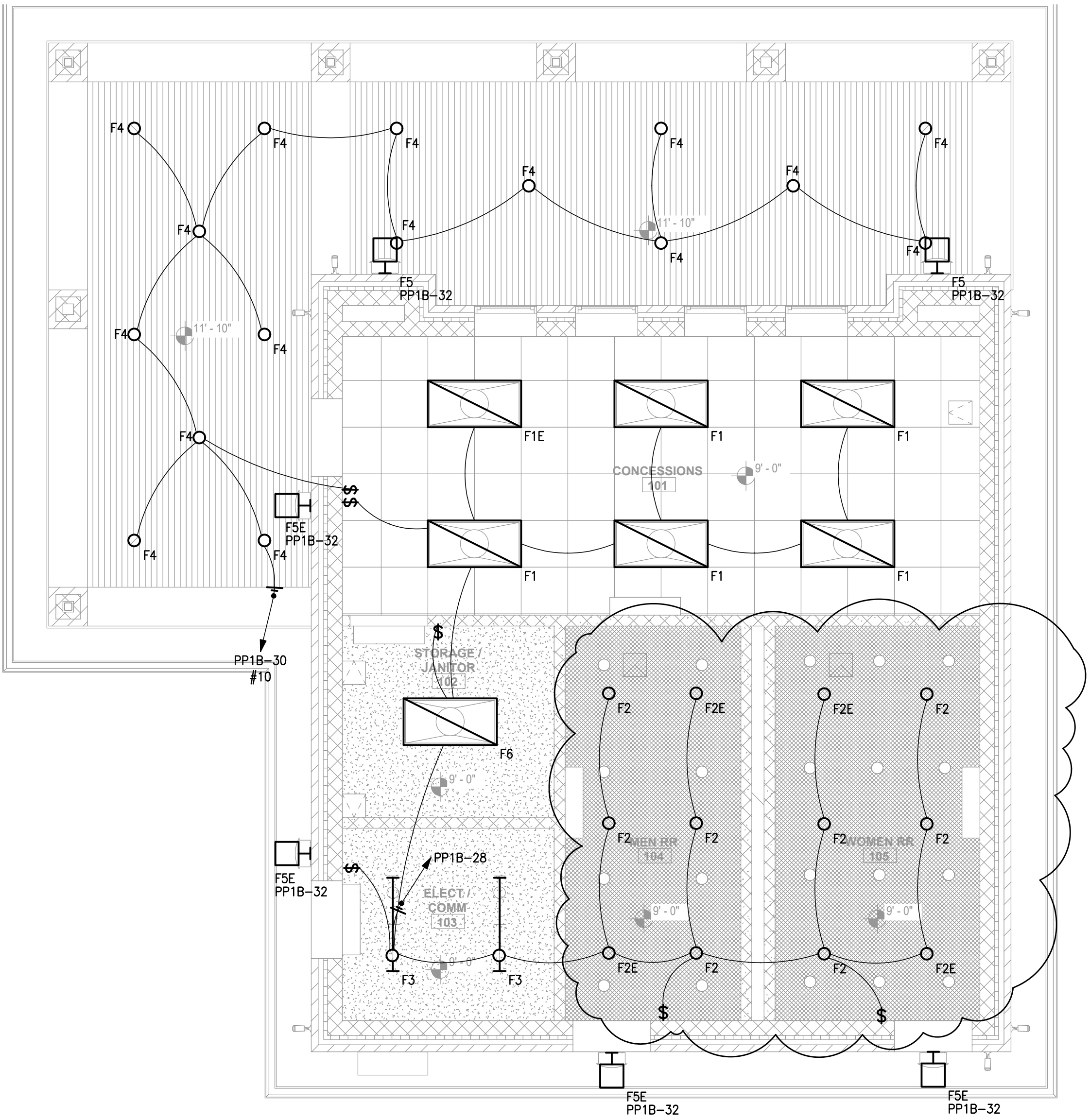
1. PROVIDE ROOF MOUNTED RECEPTACLE ON A FIXED GALVANIZED STANCHION INSTALLED THROUGH A LISTED ROOF PIPE BOOT. ROUTE CONDUIT UP THROUGH THE BOOT, SEAL AND FLASH PER MANUFACTURER'S INSTRUCTIONS - NO FIELD-CAULKED PENETRATIONS. SET RECEPTACLE 12" ABOVE ROOF (CENTERLINE). USE STAINLESS HARDWARE, BOND METALLIC COMPONENTS TO EQUIPMENT GROUND. INSTALL EXPANSION FITTING BELOW ROOF LINE. COORDINATE WITH ROOFING CONTRACTOR FOR FLASHING AND WARRANTY COMPLIANCE. LOCATE CLEAR OF DRAINS, SCUPPERS, AND WALK PATHS; PROVIDE GUARD IF SUBJECT TO DAMAGE.
2. MOUNT LIVE-STREAM EQUIPMENT RECEPTACLE ON THE EXTERIOR FRONT FACE OF THE PRESS BOX, ABOVE THE WINDOWS, LOCATION/ELEVATION AS DIRECTED BY ENGINEER AND OWNER PRIOR TO ROUGH-IN. ROUTE CONDUIT WITHIN WALL CAVITY; PROVIDE SLEEVED, GASKETED, AND SEALED PENETRATIONS THROUGH METAL PANEL/WEATHER BARRIER - NO FIELD-CAULKED ONLY OPENINGS. USE STAINLESS HARDWARE, BOND BOX/EQUIPMENT GROUND PER NEC. MAINTAIN CLEARANCE FROM WINDOW OPERATION/TISM AND CAMERA SIGHTLINES. LIVE STREAM EQUIPMENT PROVIDED AND INSTALLED BY OWNER.

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REV 1	12.03.25	ADDENDUM 02

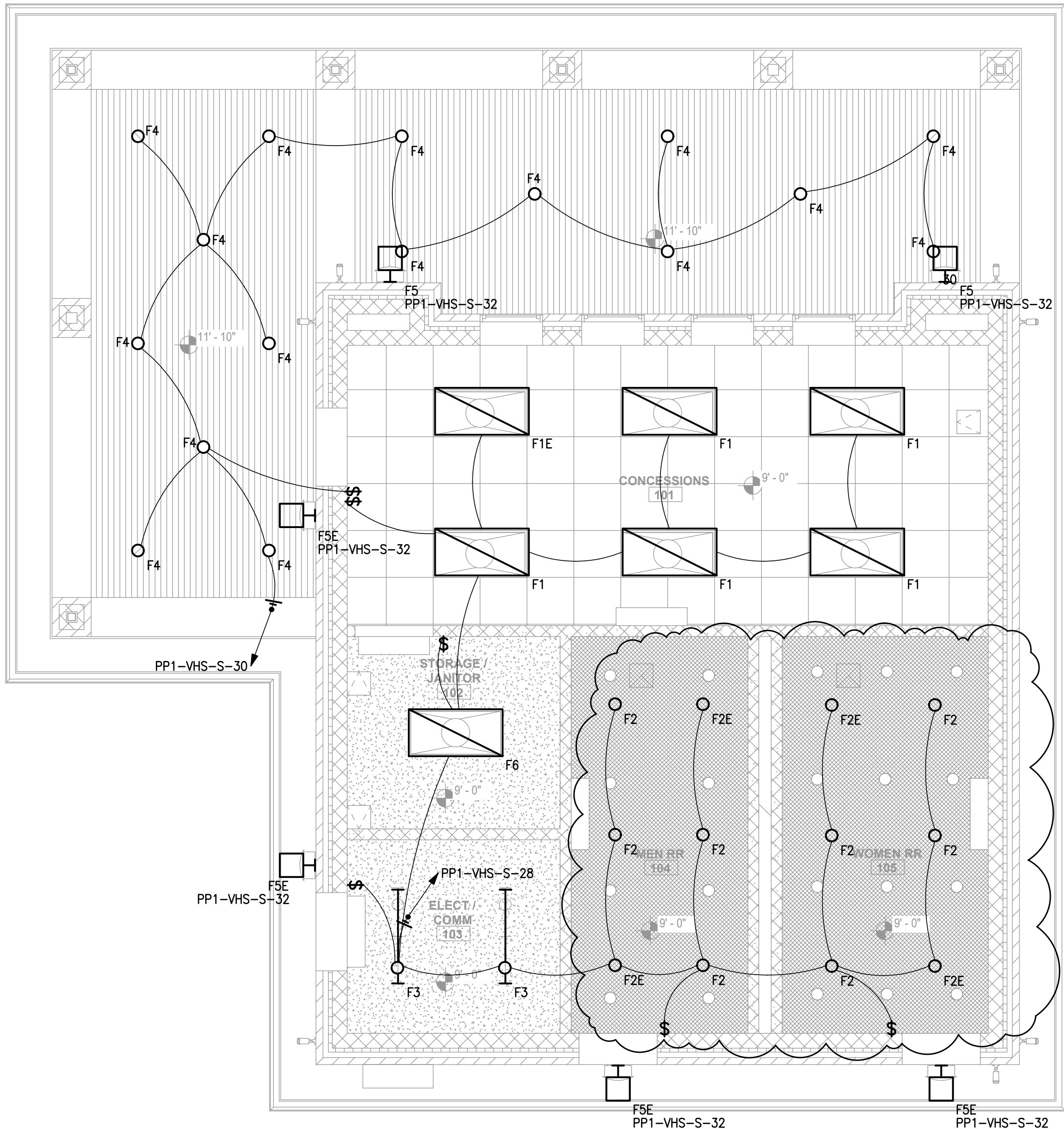
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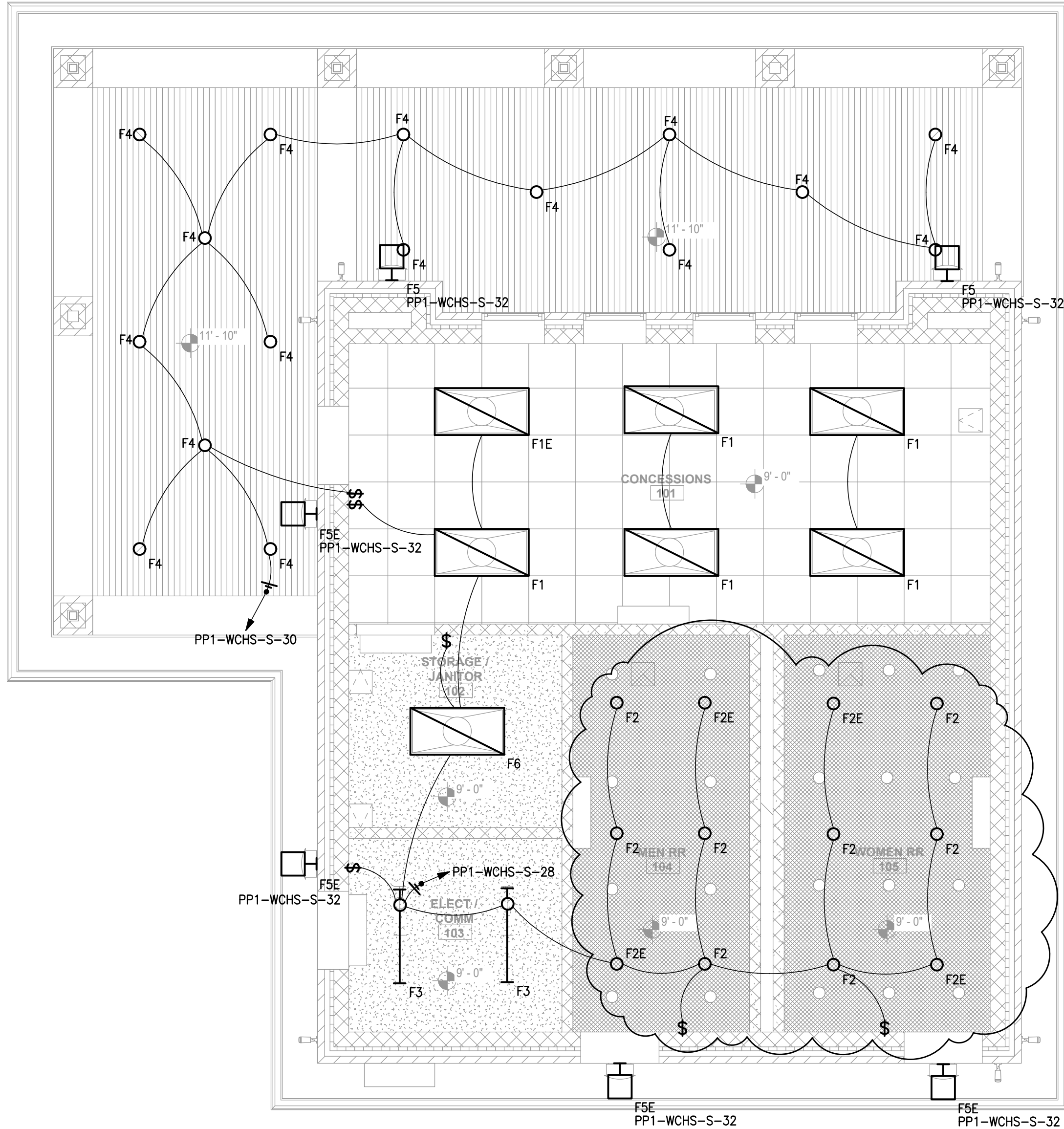
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1 ELECTRICAL LIGHTING PLAN - VHS BASEBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"



2 ELECTRICAL LIGHTING PLAN - VHS SOFTBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"



3 ELECTRICAL LIGHTING PLAN - WCHS SOFTBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"

- DRAWING E121 NOTES**
1. ALL LIGHTING BRANCH CIRCUITS SHALL BE #12 AWG MINIMUM. WHERE BRANCH CIRCUIT LENGTH EXCEEDS 100' TO THE FIRST FIXTURE, PROVIDE #10 AWG CONDUCTORS TO LIMIT VOLTAGE DROP.
  2. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE MOUNTING LOCATIONS WITHIN CEILINGS AND FINISHES.
  3. REFERENCE ARCHITECTURAL INTERIOR ELEVATIONS AND PLANS FOR EXACT MOUNTING HEIGHTS OF WALL-MOUNTED AND PENDANT FIXTURES.
  4. REFERENCE ARCHITECTURAL EXTERIOR ELEVATIONS AND PLANS FOR EXACT MOUNTING HEIGHTS OF EXTERIOR WALL-MOUNTED FIXTURES.
  5. CIRCUIT PP1B-32 SHALL BE CONTROLLED BY LIGHTING CONTACTOR LC-B; SEE SHEET E201 FOR CONTACTOR LOCATION AND SHEET E502 FOR WIRING DETAILS.
  6. CIRCUIT PP1-VHS-S-32 SHALL BE CONTROLLED BY LIGHTING CONTACTOR LC-VHS; SEE SHEET E201 FOR CONTACTOR LOCATION AND SHEET E502 FOR WIRING DETAILS.
  7. CIRCUIT PP1-WCHS-S-32 SHALL BE CONTROLLED BY LIGHTING CONTACTOR LC-WCHS; SEE SHEET E201 FOR CONTACTOR LOCATION AND SHEET E502 FOR WIRING DETAILS.
  8. CONTRACTOR SHALL COORDINATE MOUNTING HEIGHTS, SUSPENSION METHODS, AND ALIGNMENT OF FIXTURES IN OPEN TO STRUCTURE AREAS WITH STRUCTURAL FRAMING, DUCTWORK, AND OTHER OVERHEAD SYSTEMS. SUBMIT SHOP DRAWINGS SHOWING SUSPENSION DETAILS FOR ENGINEER APPROVAL.

**MP**  
DESIGN GROUP

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BRANDY P. FATANO  
ENGINEER  
03/23/25  
STATE OF MISSISSIPPI

**SOFTBALL UPGRADES**  
**VICKSBURG WARREN SCHOOL DISTRICT**  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN  
PROJECT NO. 0323.25.002  
DRAWN BY: KDB  
CHECKED BY: KDB

**ELECTRICAL LIGHTING PLANS - CONCESSION STANDS**

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REV 1	12.03.25	ADDENDUM 02

**E121**

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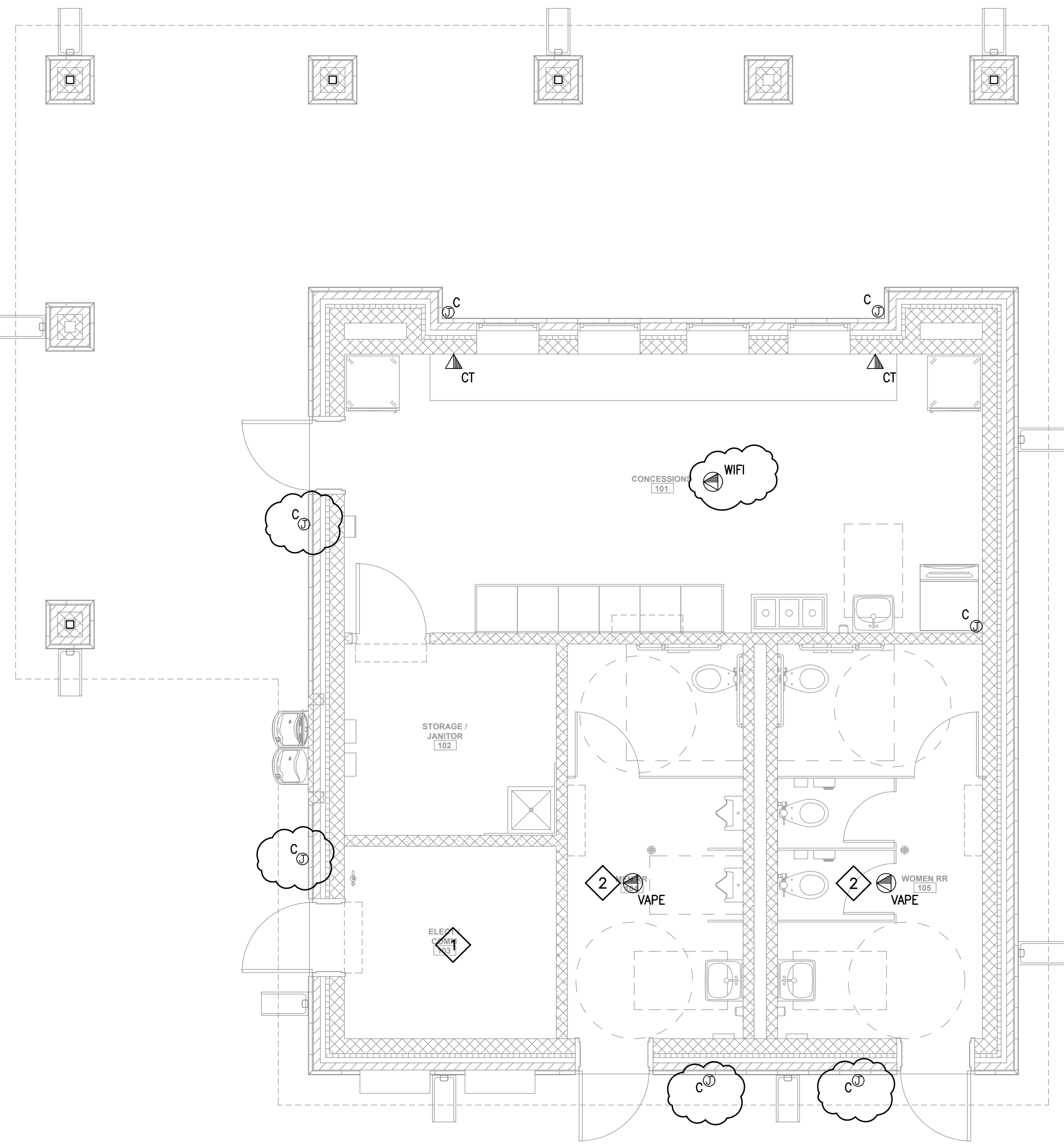
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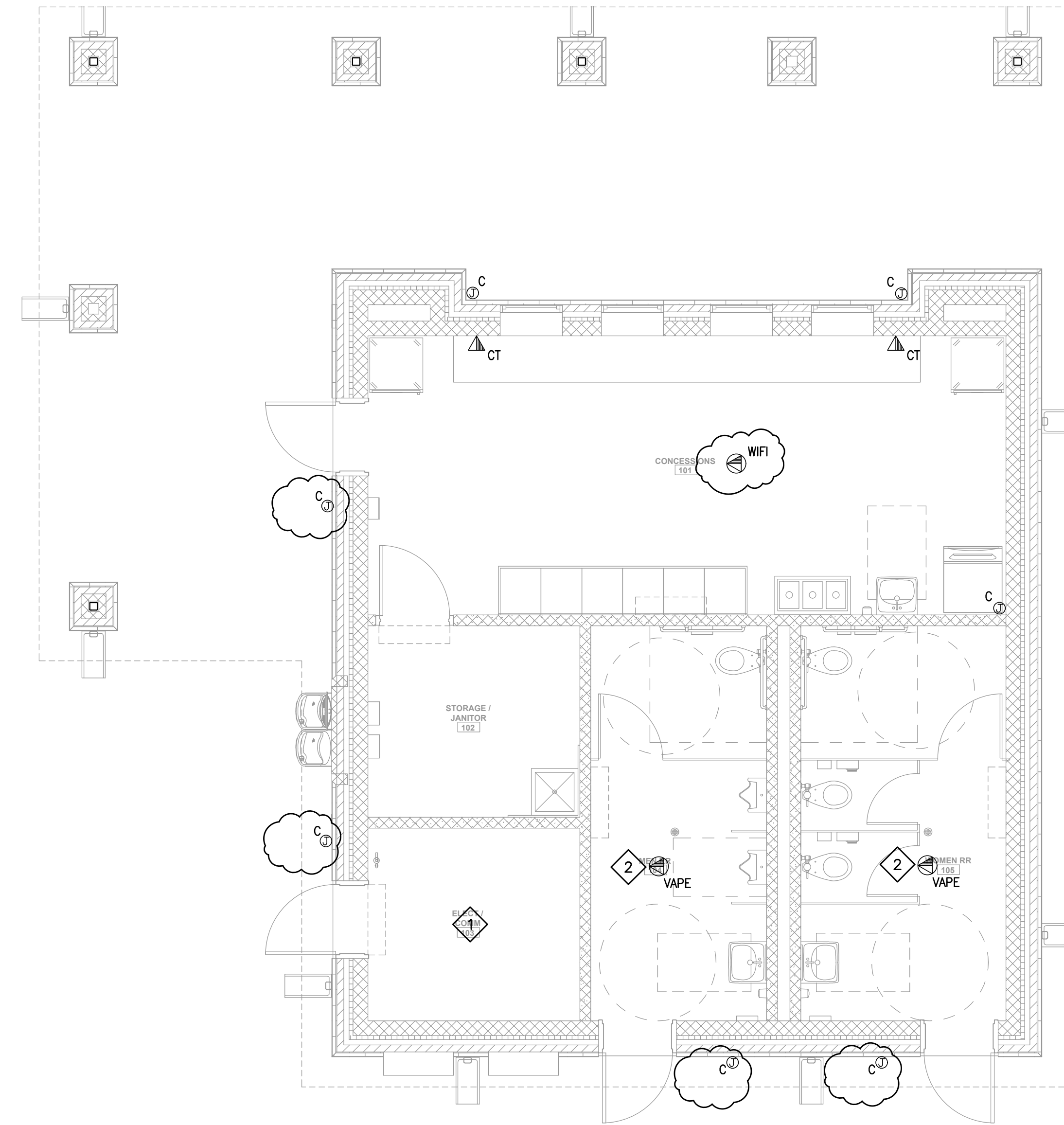
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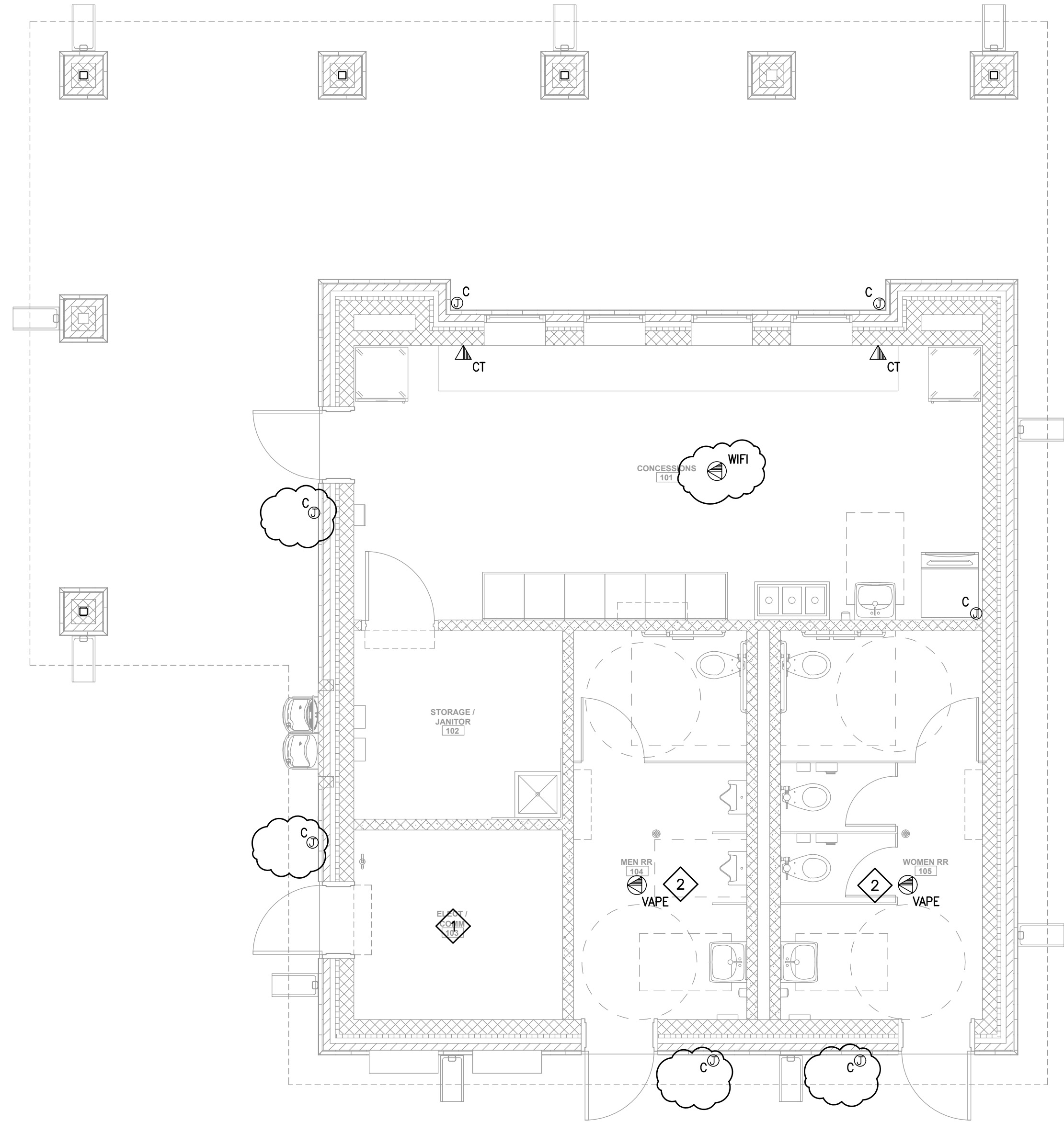
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1 ELECTRICAL SPECIAL SYSTEMS PLAN - VHS BASEBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"



2 ELECTRICAL SPECIAL SYSTEMS PLAN - VHS SOFTBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"



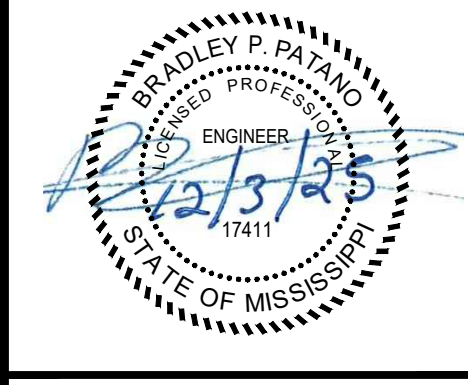
3 ELECTRICAL SPECIAL SYSTEMS - WCHS SOFTBALL CONCESSION STAND  
SCALE: 1/4" = 1'-0"

DRAWING E141 NOTES

1. TELECOMMUNICATION CABLING:
  - 1.1. CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) CAT6 PLENUM-RATED CABLES, BLUE JACKET, FROM EACH DATA OUTLET BACK TO THE TELECOMMUNICATIONS RACK IN IDF ROOM 113.
  - 1.2. TERMINATE ALL CABLES ON RACK-MOUNTED PATCH PANELS IN THE TELECOMMUNICATIONS RACK. PROVIDE LABELING SCHEME COORDINATED WITH THE OWNER/ENGINEER.
  - 1.3. CABLING PATHWAYS:
    - 1.3.1. IN INACCESSIBLE CEILINGS OR WHERE EXPOSED, ROUTE CABLE IN CONDUIT.
    - 1.3.2. IN ACCESSIBLE CEILINGS, CABLE MAY BE SUPPORTED ON J-HOOKS (SPACED AT ≤ 5FT AND SIZED FOR ≤ 60% FILL).
    - 1.3.3. ALL CABLING SHALL COMPLY WITH TIA/EIA-568 STANDARDS, WITH MAXIMUM PERMANENT LENGTH OF 90 METERS (295 FT) FROM PATCH PANEL TO OUTLET.
2. SECURITY CAMERA CABLING AND JUNCTION BOXES.
  - 2.1. ALL JUNCTION BOXES LABELED "C" ARE DESIGNATED FOR SECURITY CAMERAS. PROVIDE A PATHWAY FROM EACH CAMERA JUNCTION BOX BACK TO THE TELECOMMUNICATIONS RACK IN IDF ROOM 113.
  - 2.2. PULL TWO (2) CAT6 PLENUM-RATED CABLES, GREEN JACKET, TO EACH CAMERA LOCATION. TERMINATE ALL CABLES ON RACK-MOUNTED PATCH PANELS; COORDINATE LABELING SCHEME WITH OWNER/ENGINEER.
  - 2.3. MOUNT CAMERA JUNCTION BOXES FLUSH WITH OR JUST BELOW THE CEILING AS REQUIRED BY DEVICE TYPE. COORDINATE EXACT LOCATIONS AND ORIENTATIONS WITH OWNER/ENGINEER PRIOR TO ROUGH-IN.
  - 2.4. FOR EXTERIOR CAMERAS, COORDINATE MOUNTING HEIGHTS (TYPICALLY 12'-16' AFG) WITH THE ENGINEER. PROVIDE NEMA 4 RATED BOXES AND FITTINGS SUITABLE FOR THE ENVIRONMENT.
  - 2.5. CABLING PATHWAYS: IN ACCESSIBLE CEILINGS, CONTRACTOR MAY ROUTE CABLE ON J-HOOKS (SPACED AT ≤ 5FT AND SIZED FOR ≤ 60% FILL). IN INACCESSIBLE CEILINGS OR WHERE EXPOSED, PROVIDE 3/4" CONDUIT.
  - 2.6. ALL CAMERA CABLING SHALL COMPLY WITH TIA/EIA-568 STANDARDS, WITH A MAXIMUM PERMANENT LENGTH OF 90 METERS (295FT) FROM PATCH PANEL TO DEVICE.
3. CONTRACTOR SHALL PROVIDE AND LEAVE IN PLACE A CONTINUOUS NYLON/POLYESTER PULL STRING (MINIMUM 200 LB TENSILE STRENGTH) IN ALL EMPTY CONDUITS AND RACEWAYS. PULL STRINGS SHALL BE TIED OFF AND LABELED AT BOTH ENDS FOR FUTURE USE.

DRAWING E141 SPECIFIC NOTES

- 1 SEE ENLARGED ELEC/COMM ROOM 103 PLAN ON SHEET E201 FOR ELECTRICAL EQUIPMENT LAYOUT.
- 2 VAPE SENSOR BY OWNER - CONTRACTOR TO PROVIDE CONDUIT, BOX, AND CAT6 CABLE WITH PULL STRING; TERMINATE CAT6 CABLE IN JUNCTION BOX WITH 10-FOOT SERVICE LOOP. COORDINATE FINAL DEVICE LOCATION AND CABLE ROUTING WITH OWNER PRIOR TO ROUGH-IN.



**SOFTBALL UPGRADES**  
**VICKSBURG WARREN SCHOOL DISTRICT**  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN  
PROJECT NO. 0323.25.002  
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**ELECTRICAL SPECIAL SYSTEMS PLAN**  
**CONCESSION STANDS**

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REV 1	12.03.25	ADDENDUM 02

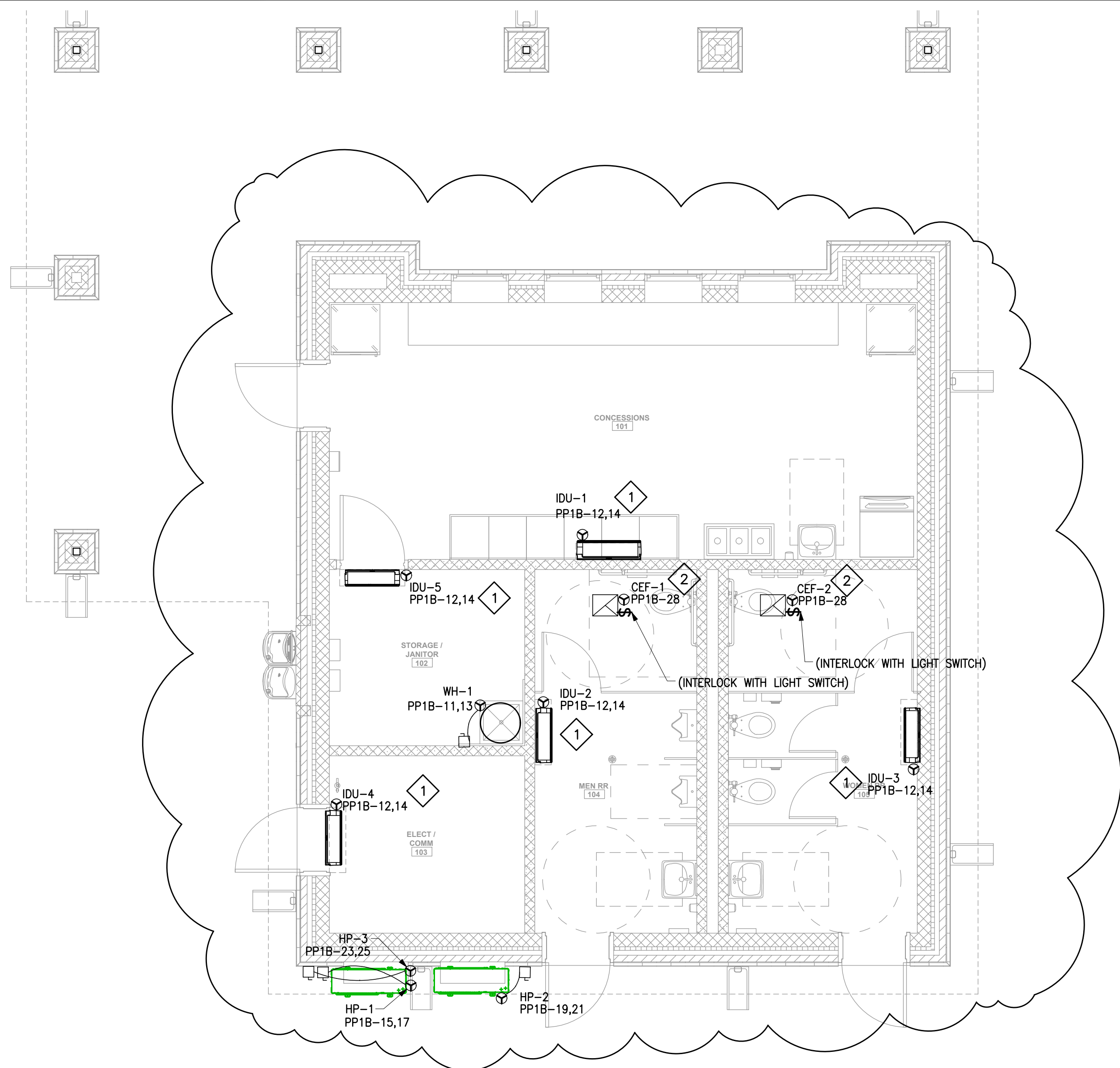
**E141**

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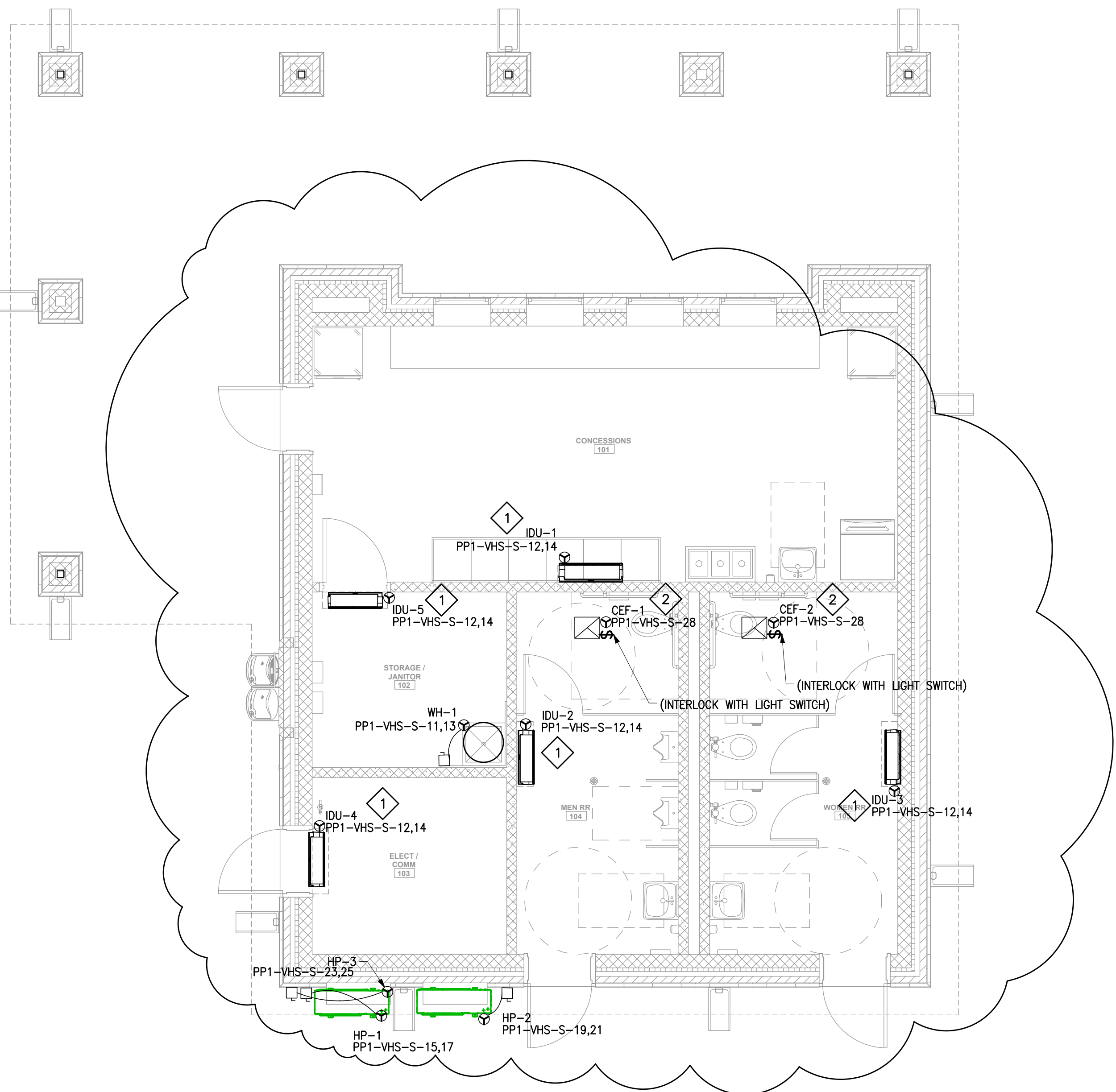


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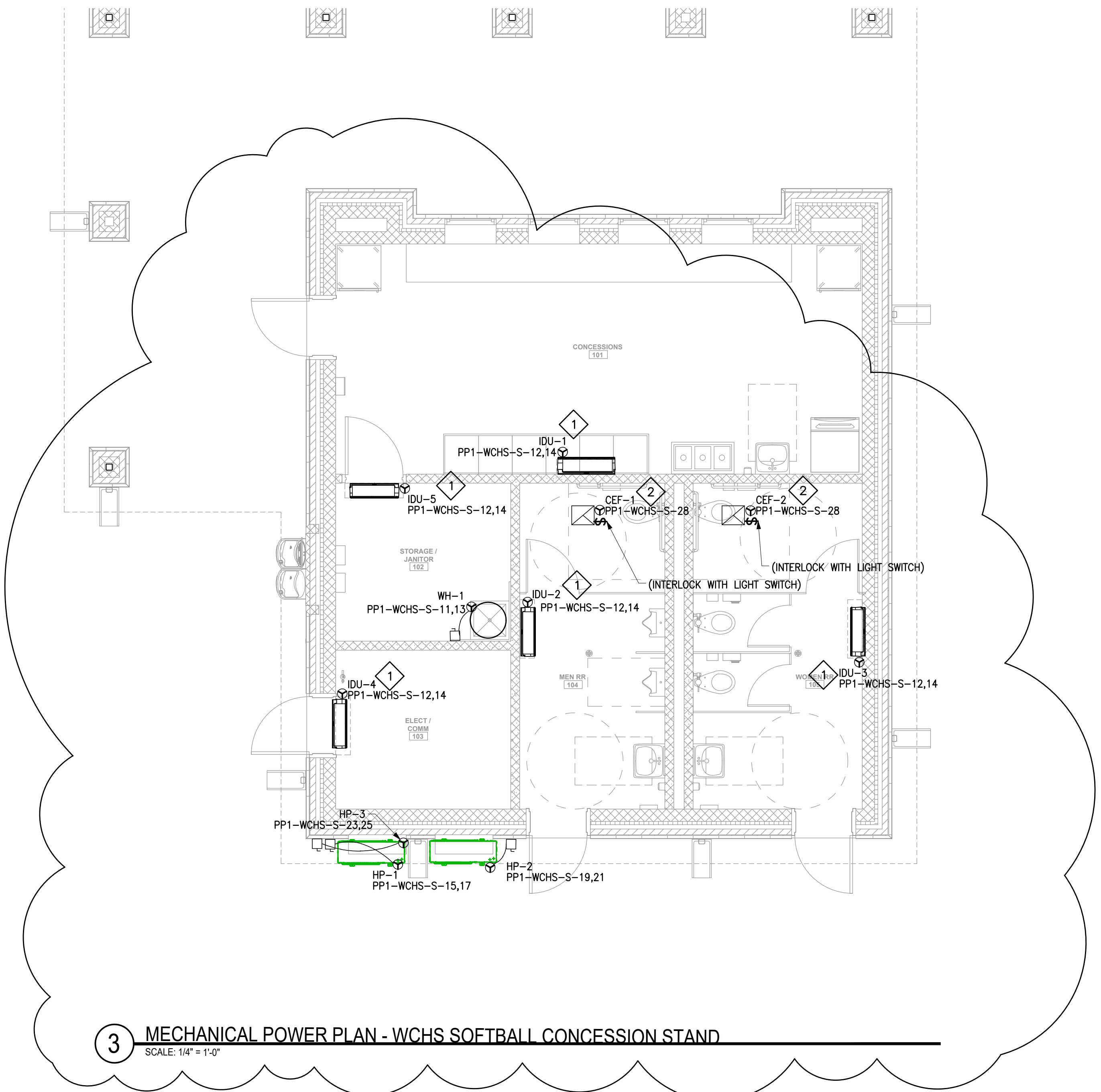
1 MECHANICAL POWER PLAN - VHS BASEBALL CONCESSION STAND

SCALE: 1/4" = 1'-0"



2 MECHANICAL POWER PLAN - VHS SOFTBALL CONCESSION STAND

SCALE: 1/4" = 1'-0"



3 MECHANICAL POWER PLAN - WCHS SOFTBALL CONCESSION STAND

SCALE: 1/4" = 1'-0"

#### DRAWING E151 NOTES

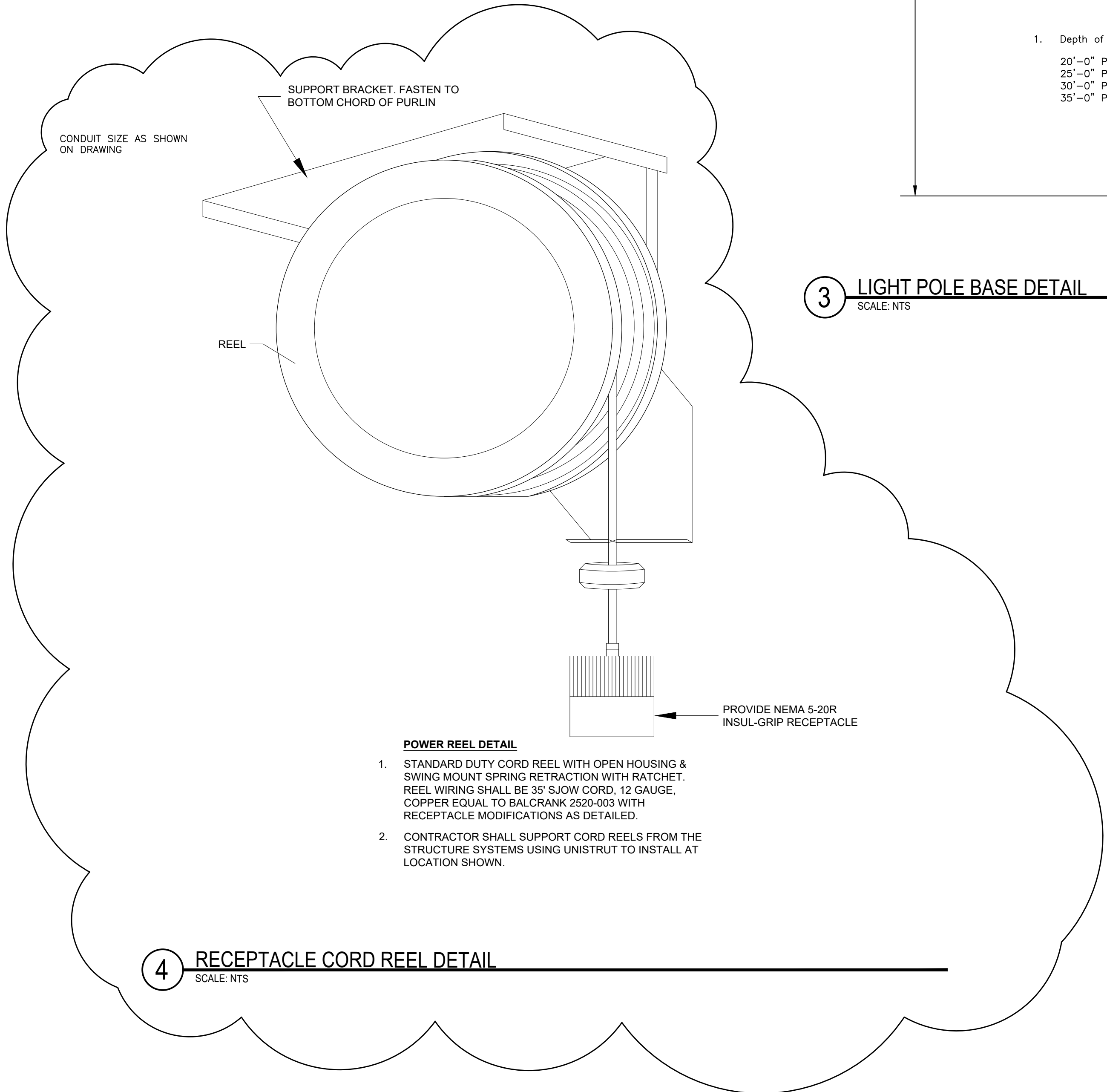
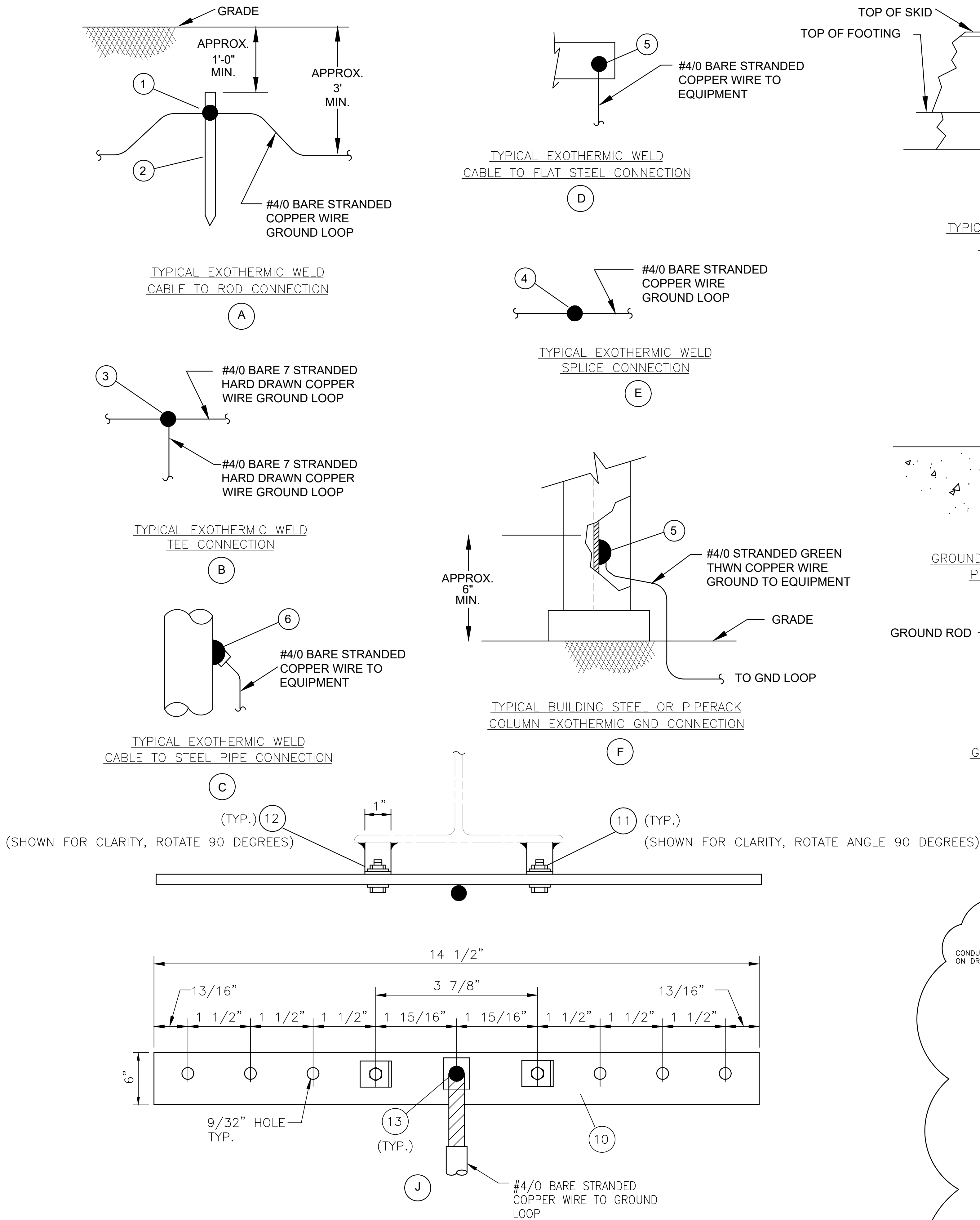
1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. COORDINATE EXACT REQUIREMENTS AND RATINGS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE ALL WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN.
3. SAFETY SWITCHES SHALL BE HEAVY-DUTY TYPE; NEMA 1 FOR INTERIOR APPLICATIONS AND NEMA 3R FOR EXTERIOR APPLICATIONS.
4. PROVIDE AND INSTALL A DISCONNECTING MEANS WITHIN SIGHT OF ALL MECHANICAL EQUIPMENT, IN ACCORDANCE WITH NEC 430.102 (MOTORS) AND MECH 440.14 (HVAC EQUIPMENT).
5. PROVIDE BRANCH CIRCUIT AND FEEDER CONDUCTORS SIZED TO LIMIT VOLTAGE DROP TO A MAXIMUM OF 3% AT THE FARTHEST CONNECTED LOAD, AND 5% TOTAL FOR FEEDER PLUS BRANCH CIRCUIT.
6. COORDINATE POWER AND CONTROL CONDUIT ENTRY LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO INSTALLATION TO AVOID CONFLICTS WITH FACTORY INSTALLED COMPONENTS.
7. PROVIDE LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC) FOR FINAL CONNECTIONS TO VIBRATING MECHANICAL EQUIPMENT (E.G., PUMPS, FANS, AND COMPRESSORS).
8. VERIFY ALL MOTOR AND EQUIPMENT NAMEPLATE DATA (VOLTAGE, FULL LOAD AMPS, HORSEPOWER, SHORT-CIRCUIT RATING) PRIOR TO INSTALLATION OF FEEDERS, OVERCURRENT PROTECTION DEVICES, AND DISCONNECTS. NOTIFY ENGINEER OF DISCREPANCIES.
9. PROVIDE SAFETY SWITCHES WITH AN INTERRUPTING RATING EQUAL TO OR GREATER THAN THE AVAILABLE FAULT CURRENT AT THEIR LINE TERMINALS. WHERE A NON-FUSIBLE SAFETY SWITCH DOES NOT HAVE ADEQUATE AIC RATING, FURNISH AND INSTALL FUSIBLE SAFETY SWITCHES WITH PROPERLY SIZED CURRENT-LIMITING FUSES (UL CLASS J OR RK1) TO ACHIEVE THE REQUIRED RATING. COORDINATE FUSE TYPE AND SIZING WITH THE PROTECTIVE DEVICE STUDY AND THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.

#### DRAWING E151 SPECIFIC NOTES

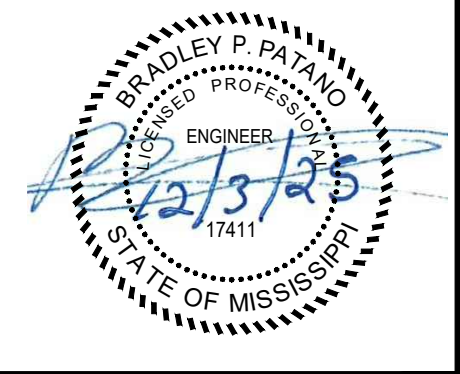
- 1 **FAN COIL UNIT ISOLATION SWITCH:** PROVIDE A CEILING-MOUNTED MOTOR-RATED FAN COIL ISOLATION SWITCH ADJACENT TO EACH FAN COIL UNIT. SWITCH SHALL BE INSTALLED FLUSH WITH THE FINISHED CEILING SURFACE AND SHALL BE READILY ACCESSIBLE AND WITHIN SIGHT OF THE EQUIPMENT. COORDINATE EXACT LOCATION AND FACEPLATE COLOR WITH ARCHITECTURAL FINISHES TO MINIMIZE VISUAL IMPACT. LABEL SWITCH COVER PLATE "FAN COIL DISCONNECT".
- 2 **EXHAUST FAN ISOLATION SWITCH:** CEILING-MOUNTED EXHAUST FAN IS FED FROM THE SAME BRANCH CIRCUIT AS THE ROOM LIGHTING AND CONTROLLED BY THE ASSOCIATED WALL SWITCH. THE EXHAUST FAN IS NOT LOCATED WITHIN SIGHT OF THE SWITCH. PROVIDE A CEILING-MOUNTED MOTOR-RATED EXHAUST FAN ISOLATION SWITCH ADJACENT TO EACH EXHAUST FAN. SWITCH SHALL BE INSTALLED FLUSH WITH THE FINISHED CEILING SURFACE AND SHALL BE READILY ACCESSIBLE AND WITHIN SIGHT OF THE EQUIPMENT. COORDINATE EXACT LOCATION AND FACEPLATE COLOR WITH ARCHITECTURAL FINISHES TO MINIMIZE VISUAL IMPACT. LABEL SWITCH COVER PLATE "EXHAUST FAN DISCONNECT".

THIS DOCUMENT, WHEN SIGNED, DATED AND SEALED, IS THE OFFICIAL DOCUMENT SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEERED PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN REQUIRED BY THE APPROVING AUTHORITY OR APPROVED BY THE APPROVING AUTHORITY OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED DOCUMENT SHALL BE THE AUTHORITY.





PART DESCRIPTION	
ITEM #	DESCRIPTION (ALL MANUFACTURERS ARE "OR EQUAL")
1	EXOTHERMIC WELD, CABLE/ROD CONNECTION, ROD SIZE 3/4", CABLE SIZE #4/0
2	COPPER CLAD GROUND ROD, 3/4" DIA., 10'-0" LONG.
3	EXOTHERMIC WELD, CABLE/CABLE TEE CONNECTION, CABLE SIZE #4/0 AND TAP RANGE #4 - #4/0
4	EXOTHERMIC WELD, CABLE SPLICE CONNECTION, CABLE SIZE #4/0
5	EXOTHERMIC WELD, CABLE/FLAT STEEL/COPPER CONNECTION, CABLE SIZE #4/0
6	EXOTHERMIC WELD, CABLE/STEEL PIPE CONNECTION, CABLE SIZE #4/0, PIPE SIZE RANGE 4"-6"
7	PVC SCH. 80 1" CONDUIT, LENGTH AS REQUIRED FOR SLAB THICKNESS WITH MALE CONNECTOR AND BUSHING.
8	WRAP SCOTCH MASTIC PAD ON CABLE WHERE CONDUCTOR CONTACTS CONCRETE.
9	FILL CONDUIT WITH RTV COMPOUND. (FILL TOP OF CONDUIT)
10	GROUND BUS BAR, HARD DRAWN COPPER 1/4" X 6" X 14 1/2" LONG
11	STAINLESS STEEL BOLT WITH NUT AND LOCK WASHER 3/8" X 1" LONG
12	STEEL ANGLE 1 1/2" X 1 1/2" X 1/4", 1" LONG, WITH COLD GALVANIZED
13	LUG AND BOLT #4/0 WIRE TO COPPER BUS



**SOFTBALL UPGRADES**  
**VICKSBURG WARREN SCHOOL DISTRICT**  
3701 Drummond St, Vicksburg, MS 39180  
1000 MS-27, Vicksburg, MS 39180

SCALE: AS SHOWN  
PROJECT NO. 0323.25.002  
DRAWN BY: KDB  
CHECKED BY: KDB

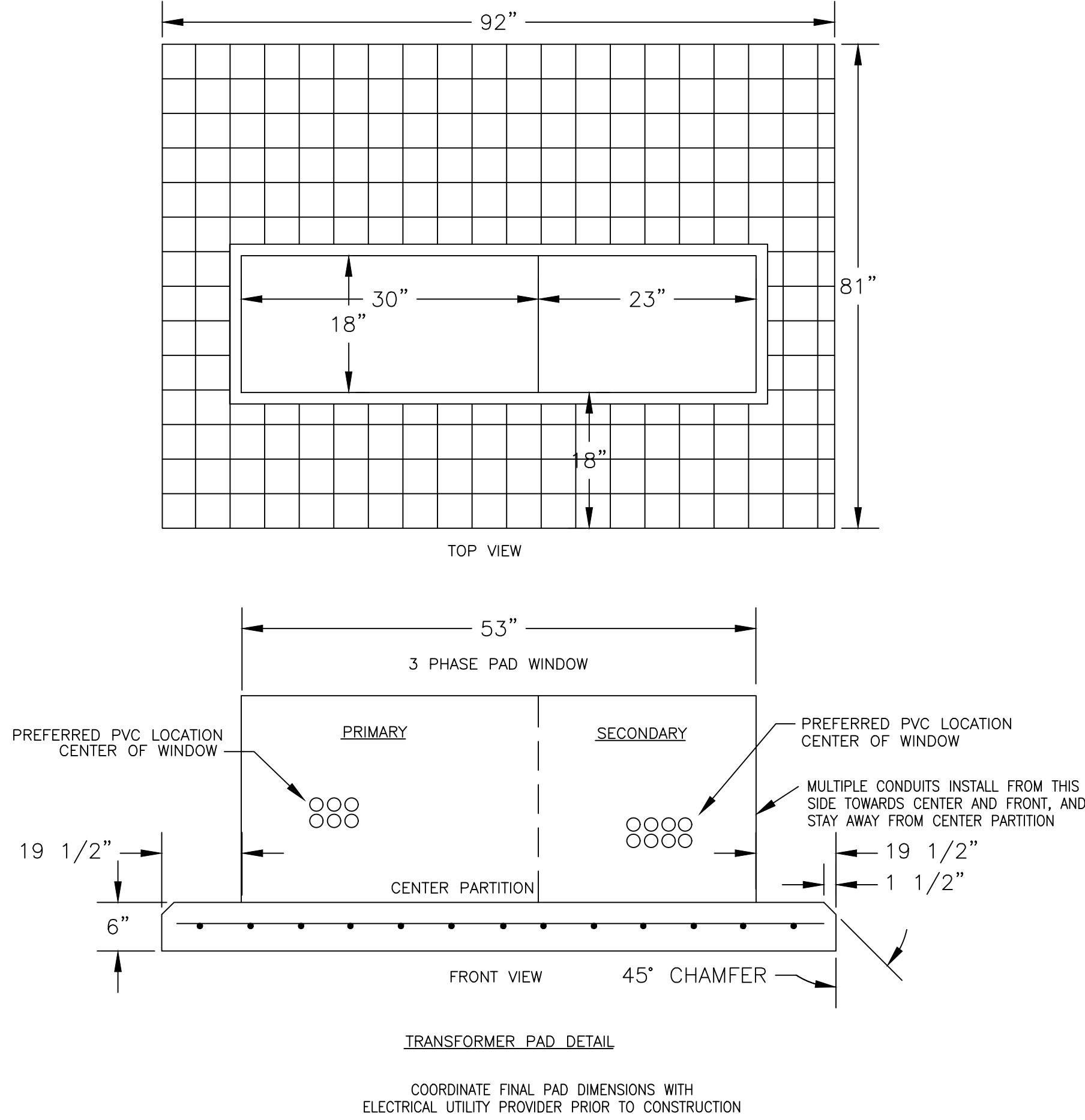
**ELECTRICAL GENERAL DETAILS**

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REV 1	12.03.25	ADDENDUM 02

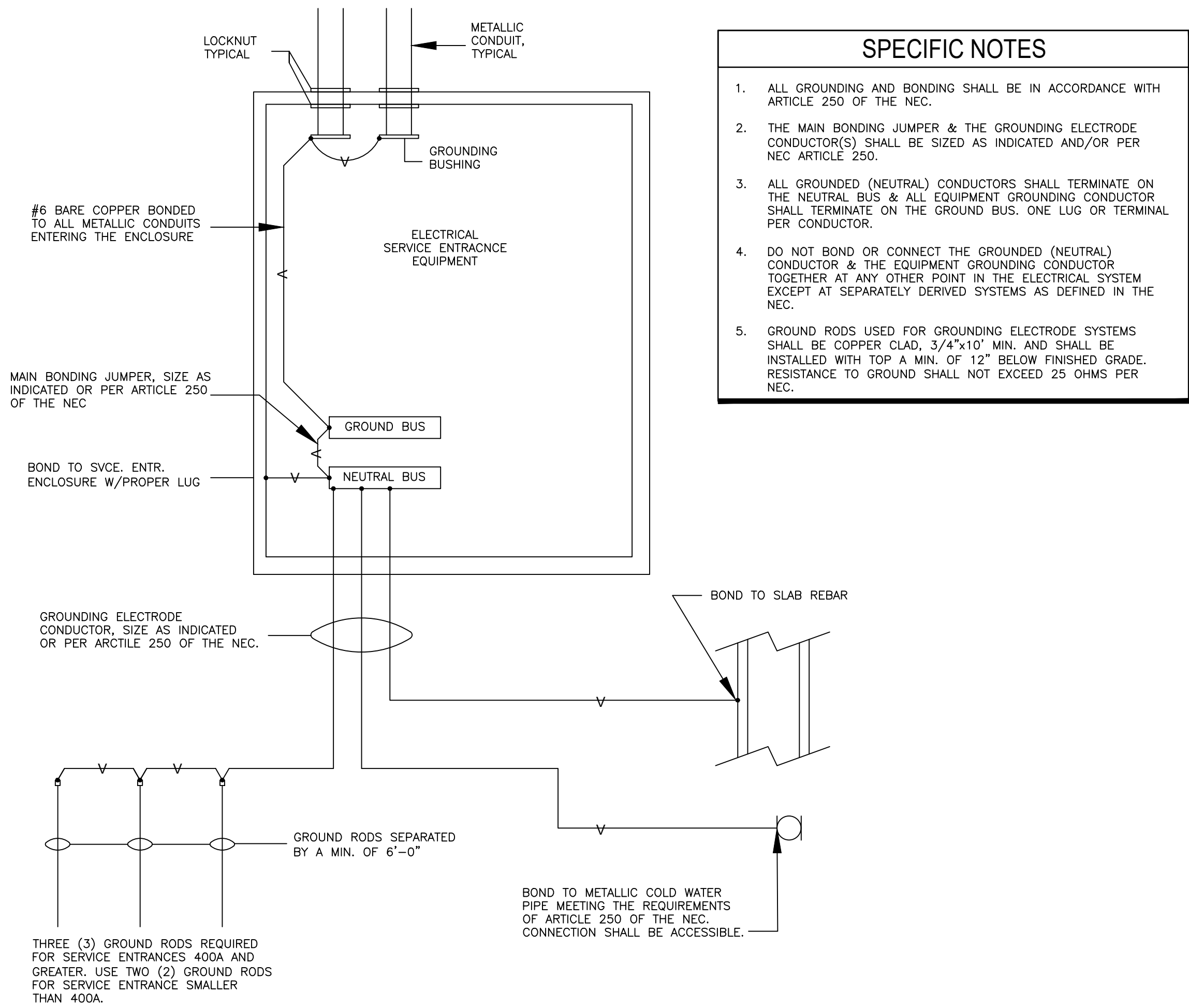


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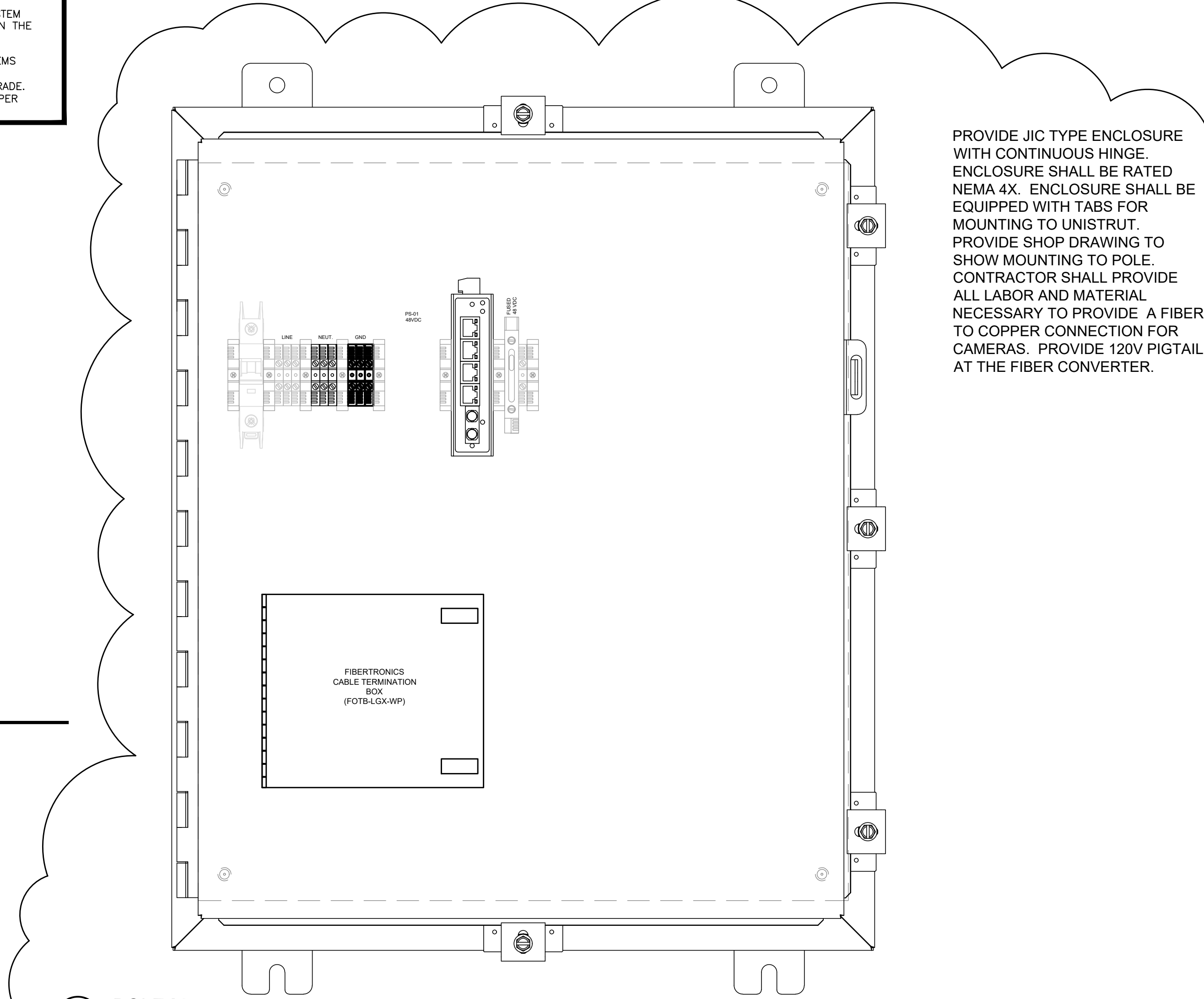
1 UTILITY PAD MOUNT TRANSFORMER PAD DETAILS  
SCALE: NTS



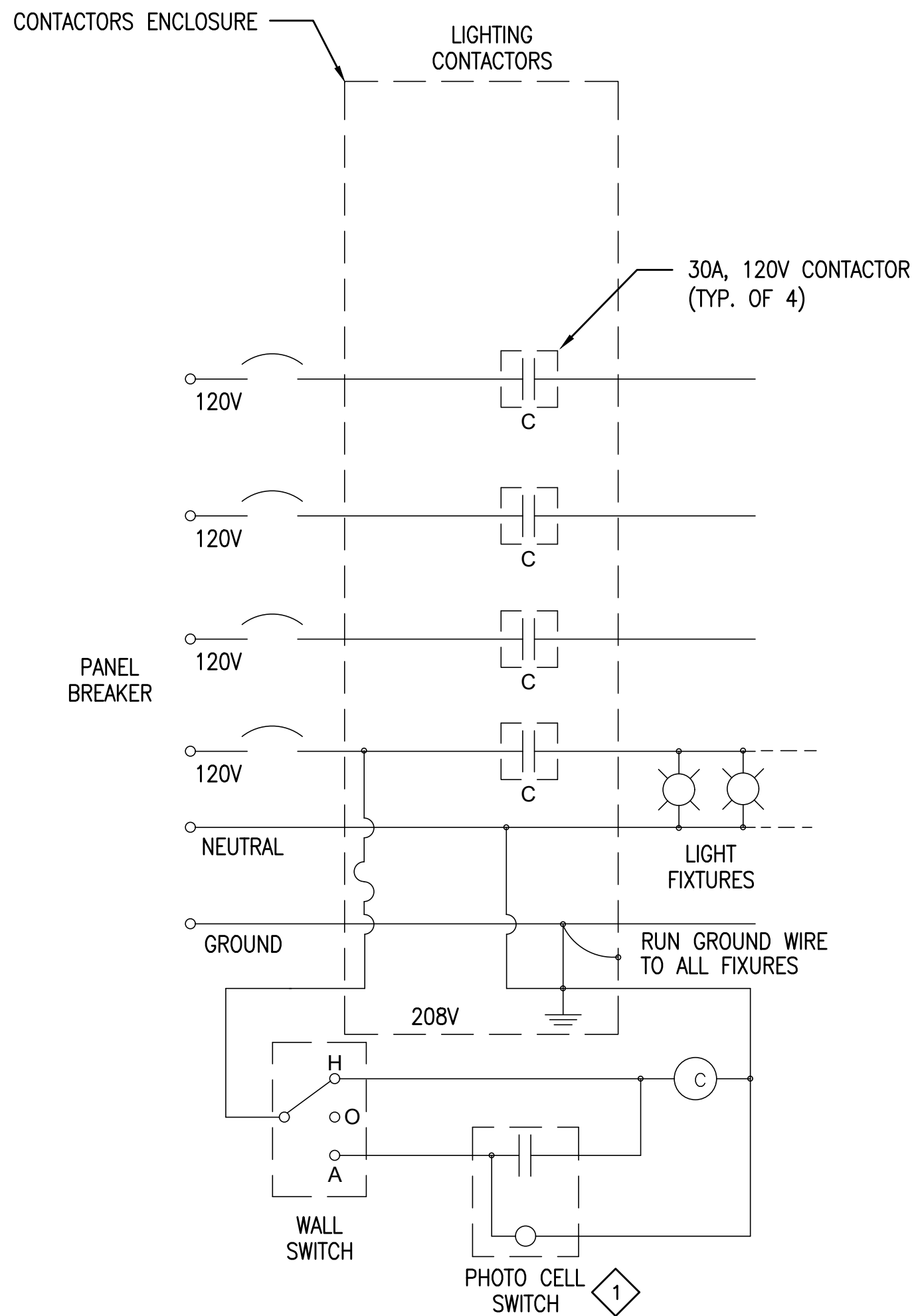
2 GROUNDING AND BONDING DETAIL  
SCALE: NTS



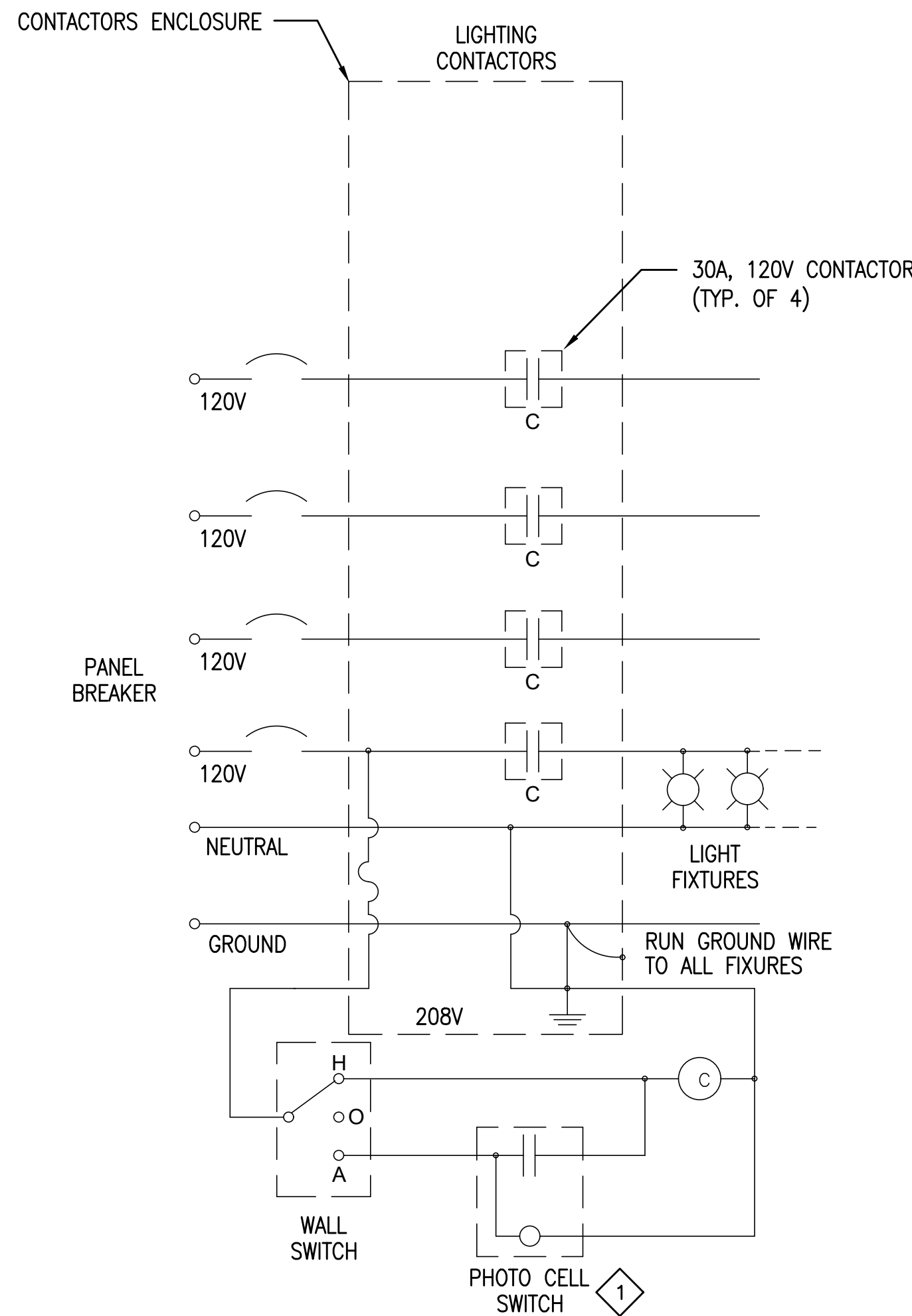
6 POLE MOUNTED CAMERAS FIBER TERMINATION BOX  
SCALE: NTS



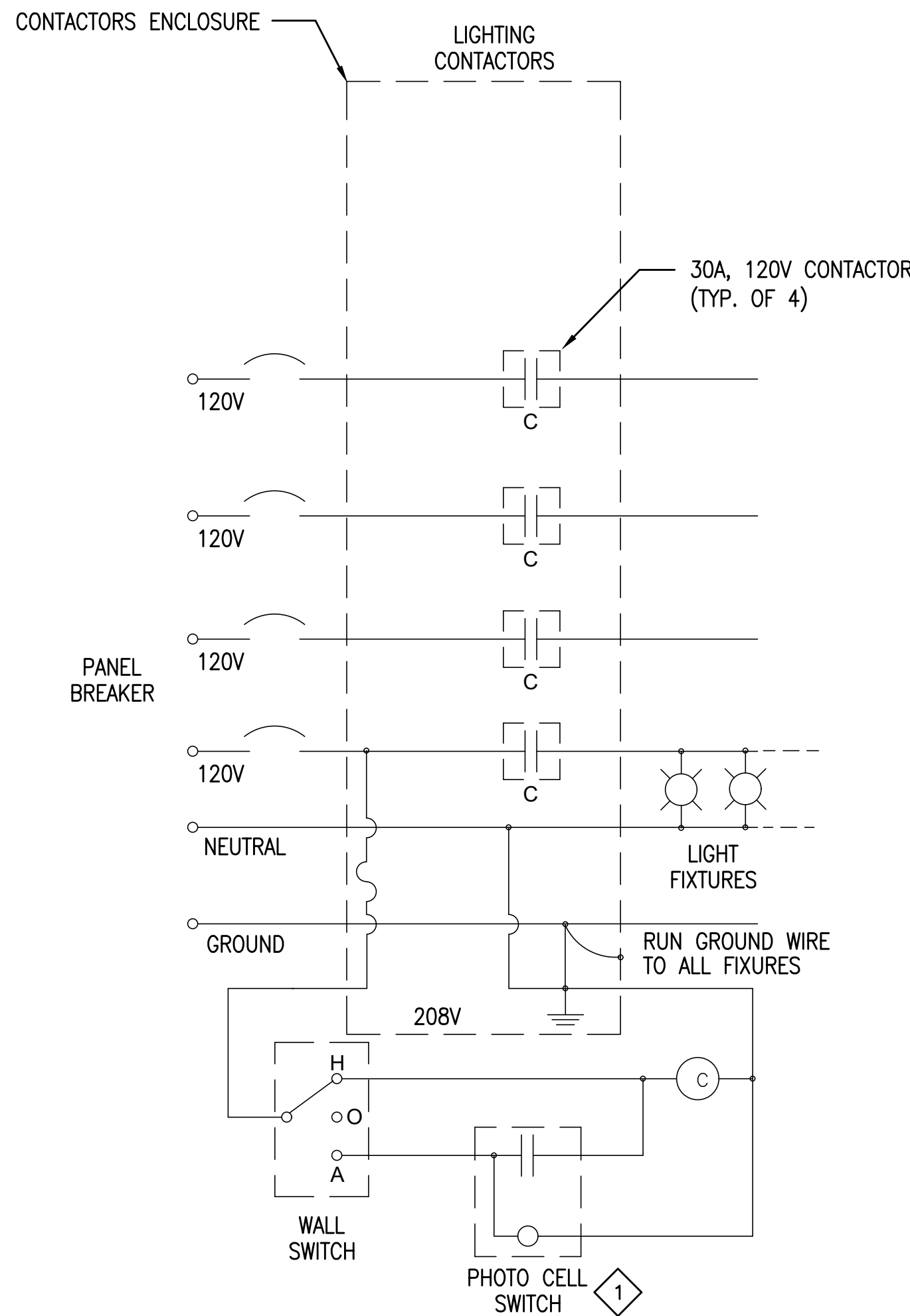
3 LIGHTING CONTACTOR LC-B DETAIL - VHS BASEBALL CONCESSIONS  
SCALE: NTS



4 LIGHTING CONTACTOR LC-VHS DETAIL - VHS SOFTBALL CONCESSIONS.  
SCALE: NTS



5 LIGHTING CONTACTOR LC-WCHS DETAIL - WCHS SOFTBALL CONCESSIONS  
SCALE: NTS



DRAWING E502 SPECIFIC NOTES

- 1 PHOTOCELL FOR LIGHTING CONTACTOR PANELS: PROVIDE A LOCAL PHOTOCELL FOR EACH LIGHTING CONTACTOR PANEL. MOUNT ON EXTERIOR WALL AT 12'-0" AFG., NORTH/NORTHWEST EXPOSURE WITH UNOBSTRUCTED SKY VIEW, AWAY FROM ARTIFICIAL LIGHT SOURCES. FIELD-COORDINATE EXACT LOCATION WITH ENGINEER PRIOR TO ROUGH-IN. SETPOINTS: ON AT 2 FC, OFF AT 5 FC (HYSTERESIS). PROVIDE LISTED WEATHERPROOF HOUSING AND SEALING. FURNISH PANEL BYPASS/TEST SWITCH AND LABEL CIRCUIT AND SENSOR LOCATION ON PANEL SCHEDULE.

ELECTRICAL GENERAL DETAILS

NO.	DATE	REVISION / SUBMITAL
REV 0	10.31.25	ISSUED FOR CONSTRUCTION
REV 1	12.03.25	ADDENDUM 02

**E502**

VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
IF NOT ONE INCH ON THIS SHEET, ADJUST  
SCALES ACCORDINGLY

THIS DOCUMENT, SIGNED, DATED AND SEALED, ENGINEERING PLANS ARE THE OFFICIAL DOCUMENTS SUBMITTED TO THE APPROVING AUTHORITY FOR THESE PLANS. CONTRACTOR / SUBCONTRACTOR / AND/OR OWNER SHALL CONSULT ENGINEERED PLANS TO VERIFY ANY CONDITIONS OR RESTRICTIONS THAT MAY HAVE BEEN PLACED BY THE APPROVING AUTHORITY OR APPROVED BY THE REGISTERED ENGINEER OF RECORD. IF DISCREPANCIES OCCUR, THE ORIGINAL SIGNED, DATED AND SEALED DOCUMENT SHALL BE THE AUTHORITY.



**SECTION 012100  
ALLOWANCES****PART 1 GENERAL****1.01 SUMMARY**

- A. This Section sets forth the following allowances to be included in the Contract:
  - 1. Contingency Allowance
  - 2. Electrical Utility Allowance

**1.02 ALLOWANCE CONDITIONS AND REQUIREMENTS**

- A. The Contractor shall include in his Base Bid the cash and/or material allowances as described hereinafter for the purchase of materials as described or as to be determined herein.
- B. Purchase products under allowance as directed by Architect/Engineer or as specified herein.
- C. All specified allowances shall appear as a separate line item amount, matching the amount specified herein, on the contractor's AIA Document G703, Schedule of Values.
- D. Use of any allowance shall be specifically authorized in writing upon approval by authorized Owner Representative AND the Architect. A final accounting of all contingency funds used will be made by issuance of a change order at the end of the project.
- E. At close-out of Contract, funds remaining in Allowances will be credited to owner by Change Order. In addition to the balance of the allowance all applicable costs for overhead, profit, bond, insurance and taxes will be added to the allowance change order credit. Overhead amounts that can be clearly documented as being expended over the course of the project will be excluded from this added amount to the allowance credit. Refer to AIA A201 General Conditions for further information.
- F. Contractor shall solicit a minimum of three (3) quotes for material and labor to be performed under all allowances.
- G. General Contractor's overhead, profit, bond, insurance, and tax amounts or any other additional costs CANNOT be included in these proposals or the final proposal. The General Contractor's overhead, profit, bond, insurance, and tax amounts in relation to all allowances shall be included in the General Contractor's Base Bid amount. In addition, the GC's Base Bid included overhead amounts allocated to these allowances shall include all GC associated costs, whether direct or indirect, that may be tied to any and all additional work required. These items shall include but are not limited to the following:
  - 1. Additional Man Hours (both standard and overtime)
  - 2. Drive Time
    - a. Vehicle maintenance or wear and tear
    - b. Fuel Costs
    - c. Research
    - d. Paperwork
    - e. Phone Calls
    - f. Equipment Rental
- H. Sub Contractor's costs Included in Cash Allowances: Cost of product to Contractor or subcontractor, less applicable trade discounts.
  - 1. Net cost of product
  - 2. Delivery to site
  - 3. Installation
  - 4. Labor
  - 5. Insurance
  - 6. Payroll
  - 7. Taxes
  - 8. Bonding
  - 9. Sub Contractor's Overhead and Profit (O&P).
  - 10. Equipment Rental
- I. Engineer/Architect Responsibilities:
  - 1. Consult with Contractor for consideration and selection of products, suppliers, and installers.



2. Select products in consultation with Owner and transmit decision to Contractor.
3. Prepare Change Order.

J. Contractor Responsibilities:

1. Assist Engineer/Architect in selection of products, suppliers, and installers.
2. Obtain proposals from suppliers and installers and offer recommendations.
3. On notification of which products have been selected, execute purchase agreement with designated supplier and installer.
4. Arrange for and process shop drawings, product data, and samples. Arrange for delivery.
5. Promptly inspect products upon delivery for completeness, damage, and defects. Submit claims for transportation damage.

K. Differences in costs will be adjusted by Change Order.

**1.03 ALLOWANCE SCHEDULE:**

A. **General Contingency Allowance:**

1. In addition to the work shown on the contract documents, the contractor shall include in the base bid contract amount the following lump sum cash allowance amount:
  - a. One Hundred Thousand Dollars (\$100,000).

B. **Electrical Utility Allowance:**

1. In addition to the work shown on the contract documents include in the base bid contract amount the following lump sum cash allowance amount:
  - a. ThirtyFive Thousand Dollars (\$35,000).

**1.04 SELECTION/DELIVERY/INSTALLATION PROCESS**

- A. Architect shall consult with Contractor in coordination of products and suppliers and shall make selection of products to be used.
- B. Contractor shall assist Architect in determining qualified suppliers, obtain proposals from suppliers for Architect's review, and enter into purchase agreement with designated supplier chosen.
- C. Contractor is responsible for arranging delivery, unloading and inspecting products for damage and defects.
- D. Contractor shall comply with requirements of referenced specification section for installation and/or install per Manufacturer's recommendations.

**PART 2 PRODUCTS - NOT USED**

**PART 3 EXECUTION - NOT USED**

**END OF SECTION**



**SECTION 102800**  
**TOILET, BATH, AND LAUNDRY ACCESSORIES**

**PART 1 GENERAL****1.01 SECTION INCLUDES**

- A. Commercial toilet accessories.
- B. Provide Accessories for restrooms, janitor closets, toilet rooms, showers, utility rooms, and other accessory items as indicated on the Drawings and as specified herein..
  - 1. Refer to the Enlarged Restroom/Janitor Accessory Schedule on the Drawings.
  - 2. Contractor to coordinate all installs and provide blocking in wall as required for installation.

**1.02 RELATED REQUIREMENTS**

- A. Section 093000 - Tiling
- B. Section 102113.19 - Plastic Toilet Compartments.

**1.03 REFERENCE STANDARDS**

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2025.
- B. ASTM A666/A666M - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2024.
- C. ASTM C1036 - Standard Specification for Flat Glass; 2025.
- D. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass; 2025.
- E. ASTM F2285 - Standard Consumer Safety Performance Specification for Diaper Changing Tables for Commercial Use; 2022.

**1.04 SUBMITTALS**

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Submit data on accessories describing size, finish, details of function, and attachment methods.
- C. Manufacturer's Installation Instructions: Indicate special procedures and conditions requiring special attention.
- D. Manufacturer's Cleaning and Maintenance Instructions and replacement parts information.

**1.05 QUALITY ASSURANCE**

- A. Furnish and install inserts and anchoring devices that must be set in concrete or built into masonry; coordinate delivery with other work to avoid delays.
- B. Coordinate accessory location with other work to avoid interference and to assure proper operation and servicing of accessory units.
- C. Provide a single source manufacturer to the greatest extent possible for accessories.
- D. Manufacturer: Provide products manufactured by a company with a minimum of 10 years successful experience manufacturing similar products.
- E. Accessibility Requirements: Comply with requirements applicable in the jurisdiction of the project, including but not limited to ADA and ICC/ANSI A117.1 requirements as applicable.

**1.06 DELIVERY, STORAGE, AND HANDLING**

- A. Deliver, store and handle materials and products in strict compliance with manufacturer's instructions and recommendations. Protect from damage.

**1.07 WARRANTY**

- A. Manufacturer's Warranty for Washroom Accessories: Manufacturer's standard 1 year warranty for materials and workmanship.



- B. Manufacturer's Warranty for Electric Hand Dryers: Manufacturer's standard 10 year warranty on parts, except 3 year warranty on motor brushes from Substantial Completion Date.

## **PART 2 PRODUCTS**

### **2.01 MANUFACTURERS**

- A. Commercial Toilet, Shower, and Bath Accessories:
  - 1. ASI - American Specialties, Inc: [www.americanspecialties.com](http://www.americanspecialties.com).
  - 2. Bradley Corporation: [www.bradleycorp.com](http://www.bradleycorp.com).
  - 3. Bobrick Washroom Equipment, Inc.; [www.bobrick.com](http://www.bobrick.com)
  - 4. Substitutions: Section 016000 - Product Requirements.

### **2.02 MATERIALS**

- A. Accessories - General: Shop assembled, free of dents and scratches and packaged complete with anchors and fittings, steel anchor plates, adapters, and anchor components for installation.
  - 1. Grind welded joints smooth.
- B. Keys: Provide 4 keys for each accessory to Owner.
- C. Stainless Steel Sheet: ASTM A666, Type 304, 22 gauge minimum thickness unless noted otherwise.
- D. Galvanized Sheet Steel: Hot-dipped galvanized steel sheet, ASTM A653/A653M, with G90/Z275 coating.
- E. Mirror Glass: Tempered safety glass, ASTM C1048; and ASTM C1036 Type I, Class 1, Quality Q2, with silvering as required.
- F. Fasteners, Screws, and Bolts: Hot dip galvanized; tamper-proof; security type.

### **2.03 FINISHES**

- A. Stainless Steel: Satin finish, unless otherwise noted.

### **2.04 COMMERCIAL TOILET ACCESSORIES**

- A. Grab Bars:
  - 1. Provide 18-8 S, type 304, 18 gauge stainless steel tubing with satin finish. 1-1/2 inch outside diameter. Ends are heliarc welded to flanges.
  - 2. Clearance between grab bar and wall is 1-1/2 inch.
  - 3. Provide concealed mounting flanges: 18-8 S, type 304, 1/8 inch thick, stainless steel plate; end flanges 2 inches x 3-1/8 inch with two holes for attachment to wall. Intermediate flanges 2-5/8 inch x 3-1/8 inch diameter.
  - 4. Provide Snap Flange covers: 18-8S, type 304, 22 gauge drawn stainless steel with satin finish. 3-1/4 inch diameter x 1/2 inch deep. Each cover snaps over mounting flange to conceal mounting screws.
  - 5. Strength: support loads in excess of 250 pounds.
  - 6. Finish: Satin Finish
  - 7. Provide in locations as shown on Drawings.
  - 8. Products:
    - a. 36" Grab Bar, equal to Bobrick B-6806 or Bradley 812
    - b. 42" Grab Bar, equal to Bobrick B-6806 or Bradley 812
    - c. 18" Grab Bar, equal to Bobrick B-6806 or Bradley 812 (install vertical at ADA Toilet Stalls)
    - d. 24"x36" Shower Grab Bar, equal to Bobrick B-68616 (Provide at ADA Showers)
- B. Mirrors:
  - 1. One piece, 18-8, type 304 heavy gauge stainless steel angle frame, 3/4 inch x 3/4 inch with continuous integral stiffener on all sides and beveled front to hold frame tightly against mirror; corners shall be welded, ground and polished smooth. All exposed surfaces shall have satin finish with vertical grain. Galvanized steel backing with integral horizontal hanging brackets. Provide with concealed locking screws.
    - a. Manufacturers standard concealed mounting.
    - b. Provide with Tempered Glass Mirror.
    - c. Size: minimum of 18x36 unless larger is called for on the drawings.
  - 2. Provide in locations as shown on Drawings.



- 3. Finish: Satin Finish
- 4. Products:
  - a. 18 inch wide x 36 inch high mirror, equal to Bobrick B2908 1836 or Bradley 780 1836.
  - b. Bradley Angle Frame Mirror Model 780.
  - c. Bobrick B-2908 Tempered Glass Welded-Frame Mirror
- C. Toilet Paper Dispenser: Owner Furnished Contractor Installed.
- D. Paper Towel Dispenser: Owner Furnished Contractor Installed.
- E. Soap Dispenser: Owner Furnished Contractor Installed.
- F. Robe Hook: Surface mounted stainless steel robe hook with satin finish.
  - 1. 18-8, type 304, 22 gauge stainless steel flange and support arm with 18 gauge stainless steel concealed mounting bracket, 19 gauge stainless steel concealed wall plate, and 14 gauge stainless steel cap. All welded construction; secured to wall with a stainless steel setscrew.
  - 2. Finish: Satin Finish
  - 3. Mounting Style: Surface
  - 4. Products:
    - a. Bradley 915 Chrome Plated Hook and Bumper
    - b. Bobrick B-212 Clothes Hook with Bumper
    - c. Substitutions: Section 016000 - Product Requirements.
- G. Sanitary Napkin Disposal Unit: Stainless steel, surface-mounted, self-closing door, locking bottom panel with full-length stainless steel piano-type hinge, removable receptacle.
  - 1. Finish: Satin Finish
  - 2. Mounting Style: Surface
  - 3. Products:
    - a. Bradley 4A10 Sanitary Napkin Disposal.
    - b. Bobrick B-270 Commercial Restroom Sanitary Napkin/Tampon Disposal
    - c. Substitutions: Section 016000 - Product Requirements.

## **2.05 SHOWER ACCESSORIES**

## **2.06 JANITOR ROOM ACCESSORIES**

- A. Combination Utility Shelf/Mop and Broom Holder:
  - 1. Utility shelf with mop/broom holders and rag hooks shall be type 304 stainless steel with all welded construction; exposed surfaces shall have satin finish. Shelf shall be 18 gauge, 8 inch deep with 3/4 inch return edges, and shall have front edge hemmed for safety. Mop/broom holders shall be spring loaded rubber cams with anti-slip coating.
  - 2. Products:
    - a. Equal to Bobrick B239x34 or Bradley 9933 BradEx.

## **PART 3 EXECUTION**

### **3.01 EXAMINATION**

- A. Verify existing conditions before starting work.
- B. Verify exact location of accessories for installation.
- C. Examine substrates, any previously installed inserts or anchorages.
- D. For electrically-operated accessories, verify that electrical power connections are ready and in the correct locations.
- E. Verify that field measurements are as indicated on drawings.
- F. Do not proceed with work until conditions are acceptable for installation.

### **3.02 INSTALLATION**

- A. Install accessories in accordance with manufacturers' instructions in locations indicated on drawings.
- B. Install plumb and level, securely and rigidly anchored to substrate.



- C. Mounting Heights: Provide as indicated on Drawings and as required to meet accessibility regulations, unless otherwise indicated.
- D. Install utilizing fasteners which are appropriate to substrate and recommended by Manufacturer for unit.
- E. Adjust toilet accessories for proper operation and verify that all mechanisms function smoothly.

**3.03 PROTECTION**

- A. Protect installed accessories from damage due to subsequent construction operations.

**END OF SECTION**